WTCI-120-1

DRAWING SCHEDULE

Drwg #	Architectural		Structural	
1	TITLE SHEET	S1	CURTAIN WALL #2	
2	BUILDING LOCATION PLAN	S2	TYPICAL VERTICAL DETAILS #1	
3	DOOR, FRAME, SCHEDULE, PARTITION, BASE, MISCELLANEOUS DETAILS	S3	TYPICAL VERTICAL DETAILS #2	
4	TOILET DETAILS	S4	CURTAIN WALL #3	
5	LIFTING DETAILS	S5	TYPICAL PLAN DETAILS AT 7TH, 29TH & 30TH FLOORS	
6	FIRST FLOOR PLAN	S6	TYPICAL PLAN DETAILS AT 8TH THRU 28TH FLOORS	
7	SECOND FLOOR PLAN	S7	PLAN DETAILS AT 31ST THRU 46TH FLOORS	
8	THIRD FLOOR PLAN (TYPICAL)	S8	[illegible]	
9	THIRD FLOOR CORE PLAN	S9	BOILERPLATE DETAILS	
10	FOURTH FLOOR PLAN	S10	MISCELLANEOUS DETAILS	
11	5TH FLOOR PLAN	S11	BASE ELEVATIONS #1 (TYPICAL)	
12	6TH FLOOR PLAN	S12	BASE ELEVATIONS #2 (TYPICAL)	
13	7TH FLOOR PLAN	S13	BASE DETAILS #1 (TYPICAL)	
14	PENTHOUSE FLOOR CORE PLAN	S14	BASE DETAILS #2 (TYPICAL)	
15	8TH TO 13TH FLOOR PLAN	S15	BASE DETAILS #3	
16	7TH TO 13TH FLOORS CORE PLAN	S16	1ST FLOOR LOBBY PLAN AND SITE PLAN (NOT USED)	
17	14TH TO 16TH FLOORS PLAN	S17	[illegible]	
18	14TH TO 16TH FLOORS CORE PLAN	S18	[illegible]	
19	17TH TO 20TH FLOOR PLAN	S19	2ND FLOOR LOBBY FRAMING PLAN	
20	17TH TO 20TH FLOORS CORE PLAN	S20	3RD FLOOR LOBBY FRAMING PLAN	
21	21ST TO 23RD FLOOR PLAN	S21	TYPICAL 2 WAY CONCRETE SLAB DETAILS	
22	21ST TO 23RD FLOORS CORE PLAN	S22	[illegible]	
23	24TH TO 26TH FLOOR PLAN	S23	[illegible]	
24	24TH TO 26TH FLOORS CORE PLAN	S24	[illegible]	
25	27TH TO 28TH FLOOR PLAN	S25	[illegible]	
26	27TH TO 28TH FLOORS CORE PLAN	S26	[illegible]	
27	29TH TO 31ST FLOOR PLAN	S27	[illegible]	
28	29TH TO 31ST FLOORS CORE PLAN	S28	[illegible]	
29	32ND TO 35TH FLOOR PLAN	S29	[illegible]	
30	32ND TO 35TH FLOORS CORE PLAN	S30	[illegible]	
31	36TH TO 45TH FLOOR PLAN	S31	[illegible]	
32	36TH TO 45TH FLOORS CORE PLAN	S32	[illegible]	
33	46TH FLOOR PLAN	S33	[illegible]	
34	46TH FLOOR CORE PLAN	S34	[illegible]	
35	47TH FLOOR PLAN	S35	[illegible]	
36	47TH FLOOR CORE PLAN	S36	[illegible]	
37	ROOF PLAN	S37	[illegible]	
38	PENTHOUSE ROOF PLAN	S38	[illegible]	
39	MACHINE SHED PLAN	S39	[illegible]	
40	BULKHEAD & CANOPY ROOF FRAMING PLAN	S40	[illegible]	
41	CANOPY SCHEDULE	S41	[illegible]	
42	CANOPY SCHEDULE 2	S42	[illegible]	
	HVAC		**Electrical**	
M1	SYMBOL LIST, ABBREVIATIONS AND GENERAL NOTES	E1	SYMBOL LIST, ABBREVIATIONS AND GENERAL NOTES	
M2	1ST FLOOR PLAN	E2	1ST FLOOR PLAN STH,	
M3	2ND FLOOR PLAN	E3	1ST FLOOR PLAN 7TH,	
M4	3RD FLOOR PLAN	E4	2ND FLOOR PLAN STH,	
M5	4TH FLOOR PLAN	E5	2ND FLOOR PLAN 7TH,	
M6	5TH FLOOR PLAN	E6	3RD FLOOR PLAN STH,	
M7	6TH FLOOR PLAN	E7	3RD FLOOR PLAN 7TH,	
M8	7TH THROUGH 28TH FLOOR PLAN	E8	4TH FLOOR PLAN STH,	
M9	31ST AND 32 ND FLOOR PLAN	E9	4TH FLOOR PLAN 7TH,	
M10	33RD FLOOR PLAN	E10	5TH FLOOR PLAN STH,	
M11	34TH THROUGH 45TH FLOOR PLAN	E11	5TH FLOOR PLAN 7TH,	
M12	46 TH AND 47TH FLOOR PLAN	E12	6TH FLOOR PLAN STH,	
M13	48TH FLOOR PLAN	E13	6TH FLOOR PLAN 7TH,	
M14	7TH THROUGH 28TH FLOORS PLAN	E14	7TH THROUGH 28TH FLOORS PLAN STH,	
M15	31ST AND 32 ND FLOOR PLAN	E15	7TH THROUGH 28TH FLOORS PLAN 7TH,	
M16	33RD FLOOR PLAN	E16	31ST AND 32 ND FLOOR PLAN STH,	
M17	34TH THROUGH 45TH FLOORS PLAN	E17	31ST AND 32 ND FLOOR PLAN 7TH,	
M18	46 TH AND 47TH FLOOR PLAN	E18	33RD FLOOR PLAN STH,	
M19	48TH FLOOR PLAN	E19	33RD FLOOR PLAN 7TH,	
M20	PENTHOUSE ROOF PLAN	E20	34TH THROUGH 45TH FLOORS PLAN STH,	
M21	MACHINE SHED PLAN	E21	34TH THROUGH 45TH FLOORS PLAN 7TH,	
M22	DUCTWORK DETAILS	E22	46TH AND 47TH FLOOR PLAN STH,	
M23	DUCTWORK DETAILS	E23	46TH AND 47TH FLOOR PLAN 7TH,	
M24	DUCTWORK DETAILS	E24	48TH FLOOR PLAN STH,	
M25	DUCTWORK DETAILS	E25	48TH FLOOR PLAN 7TH,	
M26	DUCTWORK DETAILS	E26	PENTHOUSE ROOF PLAN STH,	
M27	DUCTWORK DETAILS	E27	PENTHOUSE ROOF PLAN 7TH,	
M28	DUCTWORK DETAILS	E28	MACHINE SHED PLAN STH,	
M29	DUCTWORK DETAILS	E29	MACHINE SHED PLAN 7TH,	
M30	DUCTWORK DETAILS	E30	SCHEDULES	
M31	DUCTWORK DETAILS	E31	SCHEDULES	
M32	DUCTWORK DETAILS	E32	SCHEDULES	
M33	DUCTWORK DETAILS	E33	SCHEDULES	
M34	DUCTWORK DETAILS	E34	SCHEDULES	
M35	DUCTWORK DETAILS	E35	SCHEDULES	
M36	DUCTWORK DETAILS	E36	SCHEDULES	
M37	DUCTWORK DETAILS	E37	SCHEDULES	
M38	DUCTWORK DETAILS	E38	SCHEDULES	
M39	DUCTWORK DETAILS	E39	SCHEDULES	
M40	DUCTWORK DETAILS	E40	SCHEDULES	
M41	DUCTWORK DETAILS	E41	SCHEDULES	
M42	DUCTWORK DETAILS	E42	SCHEDULES	
M43	DUCTWORK DETAILS	E43	SCHEDULES	
M44	DUCTWORK DETAILS	E44	SCHEDULES	
M45	DUCTWORK DETAILS	E45	SCHEDULES	
M46	DUCTWORK DETAILS	E46	SCHEDULES	
M47	DUCTWORK DETAILS	E47	SCHEDULES	
M48	DUCTWORK DETAILS	E48	SCHEDULES	
M49	DUCTWORK DETAILS	E49	SCHEDULES	
M50	DUCTWORK DETAILS	E50	SCHEDULES	
M51	DUCTWORK DETAILS	E51	SCHEDULES	
M52	DUCTWORK DETAILS	E52	SCHEDULES	
M53	DUCTWORK DETAILS	E53	SCHEDULES	
M54	DUCTWORK DETAILS	E54	SCHEDULES	
M55	DUCTWORK DETAILS	E55	SCHEDULES	
M56	DUCTWORK DETAILS	E56	SCHEDULES	
M57	DUCTWORK DETAILS	E57	SCHEDULES	
M58	DUCTWORK DETAILS	E58	SCHEDULES	
M59	DUCTWORK DETAILS	E59	SCHEDULES	
M60	DUCTWORK DETAILS	E60	SCHEDULES	
M61	DUCTWORK DETAILS	E61	SCHEDULES	
M62	DUCTWORK DETAILS	E62	SCHEDULES	
M63	DUCTWORK DETAILS	E63	SCHEDULES	
M64	DUCTWORK DETAILS	E64	SCHEDULES	
M65	DUCTWORK DETAILS	E65	SCHEDULES	
M66	DUCTWORK DETAILS	E66	SCHEDULES	
M67	DUCTWORK DETAILS	E67	SCHEDULES	
M68	DUCTWORK DETAILS	E68	SCHEDULES	
M69	DUCTWORK DETAILS	E69	SCHEDULES	
M70	DUCTWORK DETAILS	E70	SCHEDULES	
M71	DUCTWORK DETAILS	E71	SCHEDULES	
M72	DUCTWORK DETAILS	E72	SCHEDULES	
M73	DUCTWORK DETAILS	E73	SCHEDULES	
M74	DUCTWORK DETAILS	E74	SCHEDULES	
M75	DUCTWORK DETAILS	E75	SCHEDULES	
M76	DUCTWORK DETAILS	E76	SCHEDULES	
M77	DUCTWORK DETAILS	E77	SCHEDULES	
M78	DUCTWORK DETAILS	E78	SCHEDULES	
M79	DUCTWORK DETAILS	E79	SCHEDULES	
M80	DUCTWORK DETAILS	E80	SCHEDULES	
M81	DUCTWORK DETAILS	E81	SCHEDULES	
M82	DUCTWORK DETAILS	E82	SCHEDULES	
M83	DUCTWORK DETAILS	E83	SCHEDULES	
M84	DUCTWORK DETAILS	E84	SCHEDULES	
M85	DUCTWORK DETAILS	E85	SCHEDULES	
M86	DUCTWORK DETAILS	E86	SCHEDULES	
M87	DUCTWORK DETAILS	E87	SCHEDULES	
M88	DUCTWORK DETAILS	E88	SCHEDULES	
M89	DUCTWORK DETAILS	E89	SCHEDULES	
M90	DUCTWORK DETAILS	E90	SCHEDULES	
M91	DUCTWORK DETAILS	E91	SCHEDULES	
M92	DUCTWORK DETAILS	E92	SCHEDULES	
M93	DUCTWORK DETAILS	E93	SCHEDULES	
M94	DUCTWORK DETAILS	E94	SCHEDULES	
M95	DUCTWORK DETAILS	E95	SCHEDULES	
	Fire Protection		**Plumbing**	
FP1	SYMBOL, ABBREVIATIONS, AND NOTES	P1	SYMBOL, ABBREVIATIONS AND NOTES	
FP1-1	1ST FLOOR PLAN	P2	5TH FLOOR PLAN	
FP1-2	2ND FLOOR PLAN	P3	1ST FLOOR PLAN	
FP1-3	3RD FLOOR PLAN	P4	2ND FLOOR PLAN	
FP1-4	4TH FLOOR PLAN	P5	3RD FLOOR PLAN	
FP1-5	5TH FLOOR PLAN	P6	4TH FLOOR PLAN	
FP1-6	6TH FLOOR PLAN	P7	5TH FLOOR PLAN	
FP1-7	7TH THROUGH 28TH FLOORS PLAN	P8	6TH FLOOR PLAN	
FP1-8	31ST AND 32 ND FLOOR PLAN	P9	7TH THROUGH 28TH FLOORS PLAN	
FP1-9	33RD FLOOR PLAN	P10	31ST AND 32 ND FLOOR PLAN	
FP1-10	34TH THROUGH 45TH FLOORS PLAN	P11	33RD FLOOR PLAN	
FP1-11	46 TH AND 47TH FLOOR PLAN	P12	34TH THROUGH 45TH FLOORS PLAN	
FP1-12	48TH FLOOR PLAN	P13	46 TH AND 47TH FLOOR PLAN	
FP1-13	PENTHOUSE ROOF PLAN	P14	48TH FLOOR PLAN	
FP1-14	MACHINE SHED PLAN	P15	PENTHOUSE ROOF PLAN	
FP2-1	RISER DIAGRAM	P16	MACHINE SHED PLAN	
FP2-2	DETAILS	P17	DETAILS	
		P18	PLAN	
		P19	DETAILS	

FINISH SCHEDULE

Location	Floor	Base	Wall	Ceiling	Remarks
	Concrete; Slab; Reinforced Concr; Protective Cot; Clearing Tile; Tile Connecting; Ceramic Tile; Grout Fill; Paint	Vinyl; Ceramic Tile; Cement; Concrete Cove; Wood; Granite; Marble	Concrete; Plasterboard; Partition; Structural Tile; Ceramic Tile; Tile Covering; Painted; Granite; Marble; Metal Glass	Steel Deck; Acoustic Tile; Plasterboard; Suspended Ceiling; Painted; Exposed Joist Deck; Exposed Beam Deck; Metal; Bar Grid	
First To Fourth Floors					
STAIRS #1/#2					
LOADING DOCK					
STA #4					
[illegible]					
TOILET 2 JANITOR					
FIRE PUMP RM.					
MEN'S RM., WOMEN'S RM., TOILET (TYP.)					
ELEV. PITS FOR #1, #2, #3, #4, #5, #6, #7, #8					
ELEV. MR'S, PIT					
[illegible]					
TELE-COM. STORAGE RM.					
EXPLOSIVE MAGAZINE					
JANITOR'S CLOSET					
[illegible]					
TELEPHONE EQUIP. RM.					
ELEC. CLOSETS (TYP.)					
MEN'S RM. VEST., WOMEN'S RM. VEST.					
LOADING PLATFORM					
LOBBY					
ELEVATOR STORAGE #1					
VESTIBULE					
AUDITORIUM PARTIALLY REMOVING PANEL SYSTEM					
5th & 6th Floor					
STAIR #1, STAIR #2, CROSSOVER, STAIR #3, CROSSOVER					
ELECTRICAL SWITCHGEAR RM., TRANSFORMER VAULT					
ELECTRICAL SWITCHGEAR RM., METERING PROTECTION, CONNECTIONS					
GENERATOR RM., U.P.S. RM., MECH. EQUIP. RM.					
ELECTRICAL SWITCHGEAR VEST., U.P.S. VEST.					
ELEC. CLOSETS, TEL. CL. #1/2, COMM CLS. TEL. & CONNECTOR					
MEN'S RM., WOMEN'S RM., HANDICAPPED TOILET					
MEN'S RM. VEST., WOMEN'S RM. VEST.					
MEN'S LOCKERS, WOMEN'S LOCKERS					
BUILDING STORAGE (TYP.)					
ELEV. LOBBY					
[illegible]					
OFFICE SPACE					
7th To 45th Floor					
STAIR #1, STAIR #2					
FAN ROOM					
ELEC. CL. #1/#2/#3, TEL. CL. #1/#2/#3, COMM. CL. #1/#2					
JANITOR'S CLOSET					
MEN'S RM., WOMEN'S RM.					
MEN'S RM. VEST., WOMEN'S RM. VEST.					
ELEVATOR MACHINE RM.					
OFFICE SPACE					
ELEVATOR LOBBY					
ELEVATOR MACHINE RM., CONTROLLER RM.					
PUMP ROOM					
47th & 48th Floors & Bulkhead					
STAIR #1, STAIR #2					
FAN ROOM					
ELEC. CL. #1/#2/#3, TEL. CL. #1/#2, COMM. CL. #1/#2					
JANITOR'S CLOSET					
MEN'S RM., WOMEN'S RM.					
MEN'S RM. VEST., WOMEN'S RM. VEST.					
ELEVATOR MACHINE RM.					
MECH. EQUIP. RM. #1, #2, #3					
OFFICE SPACE					

7 WORLD TRADE CENTER

47 STORY OFFICE BUILDING

BOUNDED BY VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

OWNER
SILVERSTEIN PROPERTIES INC.
521 FIFTH AVENUE
NEW YORK, N.Y. 10022

ARCHITECTS
EMERY ROTH & SONS P.C.
845 THIRD AVENUE
NEW YORK, N.Y. 10022

RECEIVED
DEC 10 2002
GENERAL CONSTRUCTION

LEGEND

Key To Materials

- Concrete
- Brick
- Solid concrete block
- Hollow concrete block
- 4" brick / 6" hollow conc. block
- Drywall partition (6" hollow conc. block)
- Drywall partition
- Reinforced concrete block

Symbols

- Column designation
- Telephone studio or remote control unit
- Elevator (door opening) system number
- Top letter designates detail number / bottom number designates drawing number
- Top elevator door type (for door schedule) / bottom elevator designation (see specifications)
- Emergency lamp (wall-mount) luminaire
- Lamp (ceiling-mount) luminaire
- Sprinkler
- Standpipe
- Emergency wall (see specifications)
- Emergency phone

Abbreviations

ABV.	ABOVE	ELEV.	ELEVATOR	MECH.	MECHANICAL	SPKLR.	SPRINKLER
A.C.	AIR CONDITIONING	EMER.	EMERGENCY	MEMB.	MEMBRANE	STA.	STATION
ACOUS.	ACOUSTICAL	ENCL.	ENCLOSURE	MFR.	MANUFACTURER	STD.	STANDARD
ADJ.	ADJACENT	EQ.	EQUAL	MIN.	MINIMUM	STL.	STEEL
ALUM.	ALUMINUM	EQUIP.	EQUIPMENT	MISC.	MISCELLANEOUS	STRUCT.	STRUCTURE
ANOD.	ANODIZED	EXH.	EXHAUST	MTD.	MOUNTED	SUSP.	SUSPENDED
APPROX.	APPROXIMATE	EXIST.	EXISTING	MTG.	MOUNTING	SYM.	SYMMETRICAL
ARCH.	ARCHITECT	EXP.	EXPANSION	MULL.	MULLION	T.	TREAD
ASPH.	ASPHALT	EXT.	EXTERIOR	N.	NORTH	TEL.	TELEPHONE
B.O.	BOTTOM OF	F.A.	FIRE ALARM	N.I.C.	NOT IN CONTRACT	TEMP.	TEMPERATURE
BD.	BOARD	F.D.	FLOOR DRAIN	NO.	NUMBER	THK.	THICK
BLDG.	BUILDING	F.E.	FIRE EXTINGUISHER	NOM.	NOMINAL	TOB	TOP OF BEAM
BLK.	BLOCK	F.H.C.	FIRE HOSE CABINET	O.A.	OVERALL	TOC	TOP OF CURB
BM.	BEAM	F.O.	FACE OF	O.C.	ON CENTER	TOP	TOP OF PARAPET
BOT.	BOTTOM	FDN.	FOUNDATION	O.D.	OUTSIDE DIAMETER	TOS	TOP OF SLAB
BRG.	BEARING	FIN.	FINISH	O.H.	OPPOSITE HAND	TOW	TOP OF WALL
C.	CENTER LINE	FLR.	FLOOR	OPNG.	OPENING	TYP.	TYPICAL
C.I.	CAST IRON	FLUOR.	FLUORESCENT	P.	PANTRY	U.O.N.	UNLESS OTHERWISE NOTED
CAB.	CABINET	FND.	FOUNDATION	PART.	PARTITION	V.C.T.	VINYL COMPOSITION TILE
CEM.	CEMENT	FPRF.	FIREPROOF	PERF.	PERFORATED	VERT.	VERTICAL
CER.	CERAMIC	FT.	FOOT	PL.	PLATE	VEST.	VESTIBULE
CLG.	CEILING	FTG.	FOOTING	PLAS.	PLASTER	W.	WEST
CLR.	CLEAR	G.I.	GALVANIZED IRON	PLYWD.	PLYWOOD	W/	WITH
CMU	CONCRETE MASONRY UNIT	GA.	GAUGE	PNL.	PANEL	W/O	WITHOUT
COL.	COLUMN	GALV.	GALVANIZED	PR.	PAIR	WD.	WOOD
CONC.	CONCRETE	GL.	GLASS	PT.	PAINT	WP.	WATERPROOF
CONN.	CONNECTION	GR.	GRADE	PTD.	PAINTED	WT.	WEIGHT
CONST.	CONSTRUCTION	GYP. BD.	GYPSUM BOARD	PTN.	PARTITION		
CONT.	CONTINUOUS	H.C.	HOLLOW CORE	R.	RISER		
CONTR.	CONTRACTOR	HDR.	HEADER	R.A.	RETURN AIR		
CPT.	CARPET	HDWE.	HARDWARE	R.D.	ROOF DRAIN		
CTR.	CENTER	HGT.	HEIGHT	R.O.	ROUGH OPENING		
D.	DEPTH	HORIZ.	HORIZONTAL	REF.	REFRIGERATOR		
DEMO.	DEMOLISH	HR.	HOUR	REINF.	REINFORCED		
DET.	DETAIL	HT.	HEIGHT	REQ'D.	REQUIRED		
DIA.	DIAMETER	I.D.	INSIDE DIAMETER	RM.	ROOM		
DIM.	DIMENSION	INCL.	INCLUDE	S.	SOUTH		
DN.	DOWN	INSUL.	INSULATION	S.C.	SOLID CORE		
DR.	DOOR	INT.	INTERIOR	SCHED.	SCHEDULE		
DWG.	DRAWING	JT.	JOINT	SECT.	SECTION		
E.	EAST	LAM.	LAMINATE	SHT.	SHEET		
EA.	EACH	LAV.	LAVATORY	SIM.	SIMILAR		
EL.	ELEVATION	MAT.	MATERIAL	SPEC.	SPECIFICATION		

DATE	REVISIONS
9-17-02	[illegible]

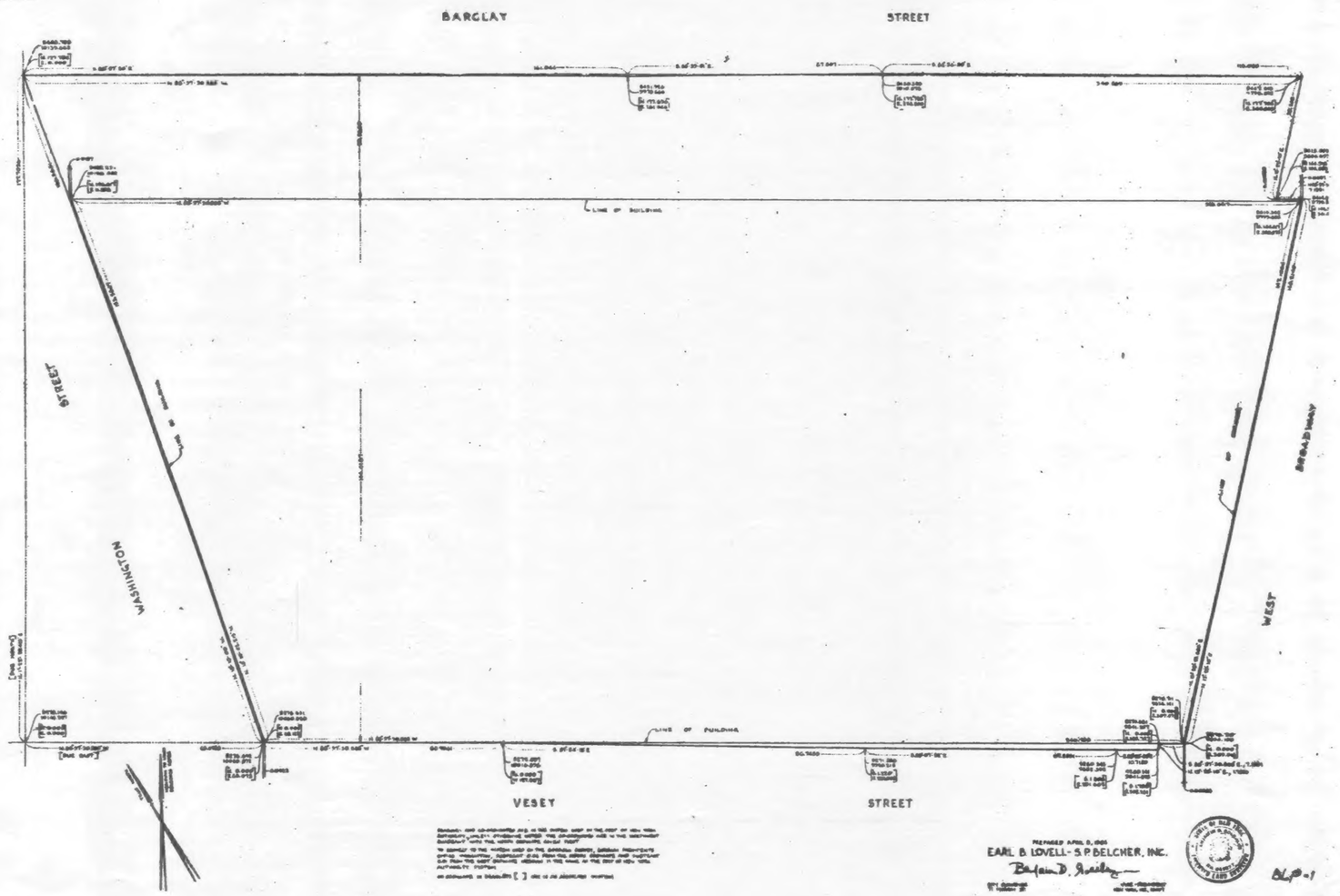
THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
250 THIRD AVENUE NEW YORK, N.Y. 10003

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT 20, 1961 SCALE: NONE

1

L-B 84



REVISED APRIL 2, 1965
EARL B. LOVELL - S.P. BELCHER, INC.

BLP-1

DATE | REVISIONS

BUILDING LOCATION PLAN

7
WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

EMERY ROTH & SONS P.C.
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645 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
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STRUCTURAL ENGINEERS
645 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY,
ENGINEERING
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: 12 D.C. 30, 1964 | SCALE:

SHT. 2

DOOR SCHEDULE

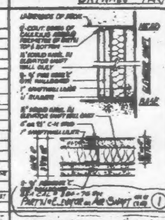
ELEVATION	NO.	SIZE	LOCATION	REMARKS
	A-1	3'-0" x 7'-0" x 1¾"		
	A-1.5	3'-0" x 7'-0" x 1¾"		
	A-2	3'-7" x 8'-10" x 1¾"		
	A-2.5	3'-0" x 8'-7" x 1¾"		
	A-3	3'-0" x 8'-7" x 1¾"		
	A-4	3'-8" x 7'-0" x 1¾"		
	A-4.5	3'-0" x 7'-0" x 1¾"		
	A-5	3'-8" x 7'-0" x 1¾"		
	A-5.5	3'-8" x 7'-0" x 1¾"		
	A-6	3'-0" x 7'-0" x 1¾"		
	A-6.5	3'-0" x 7'-0" x 1¾"		
	A-7	3'-0" x 7'-0" x 1¾"		
	A-7.5	3'-8" x 7'-0" x 1¾"		
	A-8	3'-0" x 7'-0" x 1¾"		
	A-8.5	3'-0" x 7'-0" x 1¾"		
	A-9	3'-0" x 7'-0" x 1¾"		
	A-9.5	3'-0" x 7'-0" x 1¾"		
	A-10	3'-0" x 7'-0" x 1¾"		
	A-10.5	3'-0" x 7'-0" x 1¾"		
	A-11	3'-0" x 7'-0" x 1¾"		
	A-11.5	3'-0" x 7'-0" x 1¾"		
	A-12	3'-0" x 7'-0" x 1¾"		
	A-12.5	3'-0" x 7'-0" x 1¾"		
	A-13	3'-0" x 7'-0" x 1¾"		
	A-13.5	3'-0" x 7'-0" x 1¾"		
	A-14	3'-0" x 7'-0" x 1¾"		
	A-14.5	3'-0" x 7'-0" x 1¾"		
	A-15	3'-0" x 7'-0" x 1¾"		
	A-15.5	3'-0" x 7'-0" x 1¾"		
	A-16	3'-0" x 7'-0" x 1¾"		
	A-16.5	3'-0" x 7'-0" x 1¾"		
	A-17	3'-0" x 7'-0" x 1¾"		
	A-17.5	3'-0" x 7'-0" x 1¾"		
	A-18	3'-0" x 7'-0" x 1¾"		
	A-18.5	3'-0" x 7'-0" x 1¾"		
	A-19	3'-0" x 7'-0" x 1¾"		
	A-19.5	3'-0" x 7'-0" x 1¾"		
	A-20	3'-0" x 7'-0" x 1¾"		
	A-20.5	3'-0" x 7'-0" x 1¾"		
	A-21	3'-0" x 7'-0" x 1¾"		
	A-21.5	3'-0" x 7'-0" x 1¾"		
	A-22	3'-0" x 7'-0" x 1¾"		
	A-22.5	3'-0" x 7'-0" x 1¾"		
	A-23	3'-0" x 7'-0" x 1¾"		
	A-23.5	3'-0" x 7'-0" x 1¾"		
	A-24	3'-0" x 7'-0" x 1¾"		
	A-24.5	3'-0" x 7'-0" x 1¾"		
	A-25	3'-0" x 7'-0" x 1¾"		
	A-25.5	3'-0" x 7'-0" x 1¾"		
	A-26	3'-0" x 7'-0" x 1¾"		
	B-1	3'-3" x 7'-0" x 1¾"		
	B-1.5	3'-0" x 7'-0" x 1¾"		
	B-2	3'-0" x 7'-0" x 1¾"		
	B-2.5	3'-0" x 8'-7" x 1¾"		
	B-3	3'-0" x 8'-7" x 1¾"		
	B-3.5	3'-0" x 8'-7" x 1¾"		
	B-4	3'-0" x 8'-7" x 1¾"		
	B-4.5	3'-0" x 8'-7" x 1¾"		
	B-5	3'-0" x 8'-7" x 1¾"		
	B-5.5	3'-0" x 8'-7" x 1¾"		
	B-6	3'-0" x 8'-7" x 1¾"		
	B-6.5	3'-0" x 8'-7" x 1¾"		
	B-7	3'-0" x 8'-7" x 1¾"		
	C-1	2'-6" x 7'-0" x 1¾"		
	C-1.5	3'-0" x 7'-0" x 1¾"		
	C-2	3'-0" x 7'-0" x 1¾"		
	C-2.5	3'-0" x 7'-0" x 1¾"		
	C-3	3'-0" x 7'-0" x 1¾"		
	C-3.5	3'-0" x 7'-0" x 1¾"		
	C-4	3'-0" x 7'-0" x 1¾"		
	C-4.5	3'-0" x 7'-0" x 1¾"		
	C-5	3'-0" x 7'-0" x 1¾"		
	C-5.5	3'-0" x 7'-0" x 1¾"		
	C-6	3'-0" x 7'-0" x 1¾"		
	C-6.5	3'-0" x 7'-0" x 1¾"		
	C-7	3'-0" x 7'-0" x 1¾"		
	C-7.5	3'-0" x 7'-0" x 1¾"		
	C-8	3'-0" x 7'-0" x 1¾"		
	C-8.5	3'-0" x 7'-0" x 1¾"		
	C-9	3'-0" x 7'-0" x 1¾"		
	C-9.5	3'-0" x 7'-0" x 1¾"		
	C-10	3'-0" x 7'-0" x 1¾"		
	C-10.5	3'-0" x 7'-0" x 1¾"		
	C-11	3'-0" x 7'-0" x 1¾"		
	C-11.5	3'-0" x 7'-0" x 1¾"		
	C-12	3'-0" x 7'-0" x 1¾"		
	C-12.5	3'-0" x 7'-0" x 1¾"		
	C-13	3'-0" x 7'-0" x 1¾"		
	C-13.5	3'-0" x 7'-0" x 1¾"		
	C-14	3'-0" x 7'-0" x 1¾"		
	C-14.5	3'-0" x 7'-0" x 1¾"		
	C-15	3'-0" x 7'-0" x 1¾"		
	C-15.5	3'-0" x 7'-0" x 1¾"		
	C-16	3'-0" x 7'-0" x 1¾"		
	C-16.5	3'-0" x 7'-0" x 1¾"		
	C-17	3'-0" x 7'-0" x 1¾"		
	C-17.5	3'-0" x 7'-0" x 1¾"		
	C-18	3'-0" x 7'-0" x 1¾"		
	C-18.5	3'-0" x 7'-0" x 1¾"		
	C-19	3'-0" x 7'-0" x 1¾"		
	C-19.5	3'-0" x 7'-0" x 1¾"		
	C-20	3'-0" x 7'-0" x 1¾"		
	C-20.5	3'-0" x 7'-0" x 1¾"		
	C-21	3'-0" x 7'-0" x 1¾"		
	C-21.5	3'-0" x 7'-0" x 1¾"		
	C-22	3'-0" x 7'-0" x 1¾"		
	C-22.5	3'-0" x 7'-0" x 1¾"		
	C-23	3'-0" x 7'-0" x 1¾"		
	C-23.5	3'-0" x 7'-0" x 1¾"		
	C-24	3'-0" x 7'-0" x 1¾"		
	C-24.5	3'-0" x 7'-0" x 1¾"		
	C-25	3'-0" x 7'-0" x 1¾"		
	C-25.5	3'-0" x 7'-0" x 1¾"		
	C-26	3'-0" x 7'-0" x 1¾"		

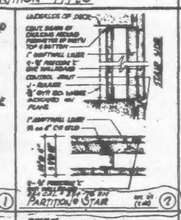
LOOSE LINTEL SCHEDULE

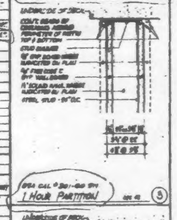
NO.	SIZE	LENGTH	SECTION	WALL	REMARKS
L-1	3½ x 3½ x ⅜	6'-6"		8"	
L-2	12 1/2 x 3½ x ⅜	3'-6"		12"	
L-3	12 1/2 x 3½ x ⅜	4'-0"		12"	
L-4	12 1/2 x 3½ x ⅜	6'-6"		12"	
L-5	12 1/2 x 3½ x ⅜	3'-0"		8"	
L-6	3½ x 3½ x ⅜	4'-0"		8"	

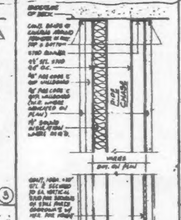
NOTES:
1. A DUCT RISES THROUGH A PUBLIC CORRIDOR PROJECTION, MUST BE ENCLOSED IN A FIRE RATED SHAFT WALL ENCLOSURE WHERE SUCH DUCT IS LOCATED ON THE FLOOR NEXT BELOW THE CORRIDOR WHICH IS OF PUBLIC CORRIDOR WALL, OR IS ABOVE A PUBLIC CORRIDOR WALL, OR IS ABOVE A NON-RATED WALL ENCLOSING A PUBLIC CORRIDOR. (SEE SEC. 27-232 (CURTAIN WALLS) WHERE SUCH DUCT IS LOCATED IN A CURTAIN WALL CONSTRUCTION OF LIGHT METAL SECTIONS.)
2. WHERE A DUCT PIERCES ANY NON-RATED PUBLIC CORRIDOR WALL OR A PUBLIC CORRIDOR WALL OR SHAFT WALL, OR
3. PUBLIC CORRIDOR, ELEVATOR, 30'-0" HEAD END TO HALF A WALL, ELECTRIC LIGHT DUCT WITH LAMPS WIRE LIGHT 2'-1" LARGE, 18 GAUGE PLATES, 1½ WITH 2 1/2" x 2 1/2" x 1/4" ANGLES

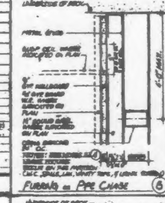
DRYWALL PARTITION TYPES

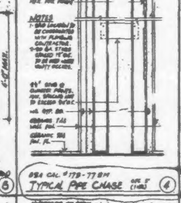


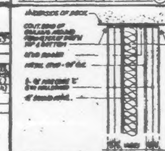


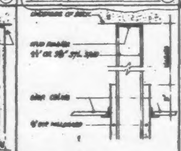


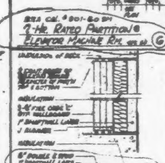


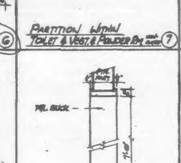


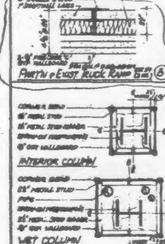


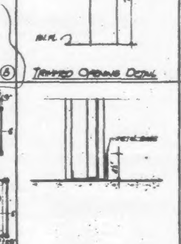










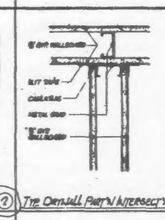


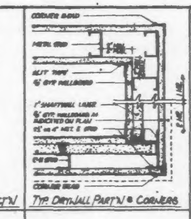
DRYWALL PARTITIONS

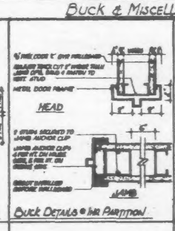
2'-0" - 2'-6"	1 HR.	2½ GA.	16" O.C.
2'-7" - 3'-0"	1 HR.	2½ GA.	16" O.C.
3'-1" - 4'-0"	1 HR.	2½ GA.	16" O.C.
4'-1" - 5'-0"	1½ HR.	2½ GA.	16" O.C.
5'-1" - 6'-0"	2 HR.	2½ GA.	16" O.C.
6'-1" - 7'-0"	2½ HR.	2½ GA.	16" O.C.
7'-1" - 8'-0"	3 HR.	2½ GA.	16" O.C.
8'-1" - 9'-0"	3½ HR.	2½ GA.	16" O.C.
9'-1" - 10'-0"	4 HR.	2½ GA.	16" O.C.

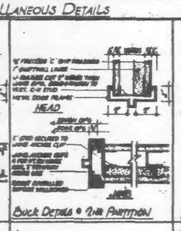
NOTE: ALL 1 HR. & THICKER RATED PARTITIONS MUST BE TO THE CONCRETE FLOOR SLAB TO DECK ABOVE. ALL RATED SPACE SHALL BE OF STRUCTURAL STUD SYSTEM SHALL BE OF D.C. UNLESS OTHERWISE INDICATED.

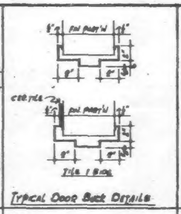
BUCK & MISCELLANEOUS DETAILS

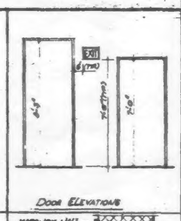


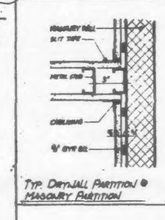


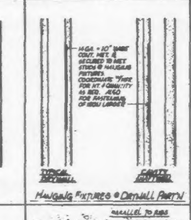


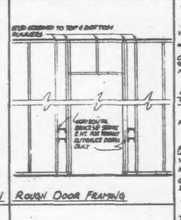


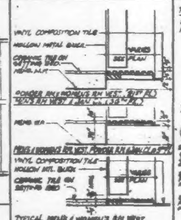


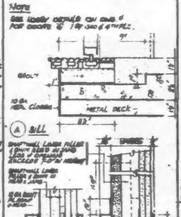


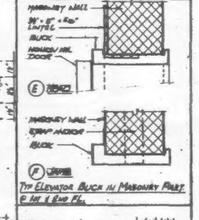


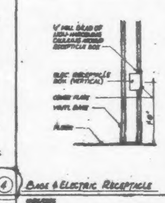


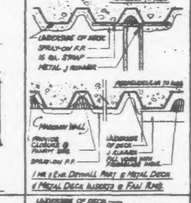


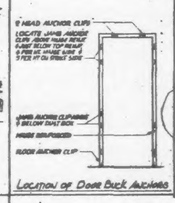


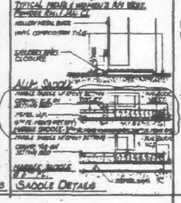


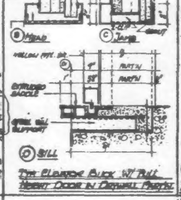


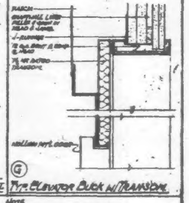


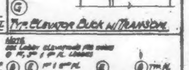


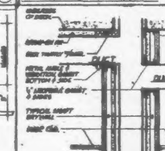








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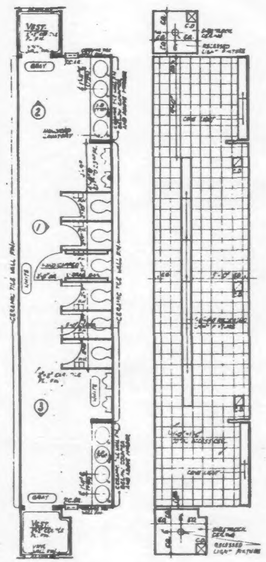
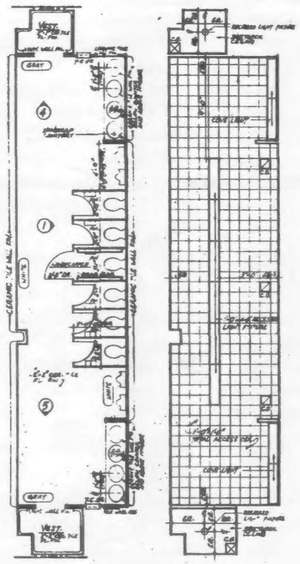
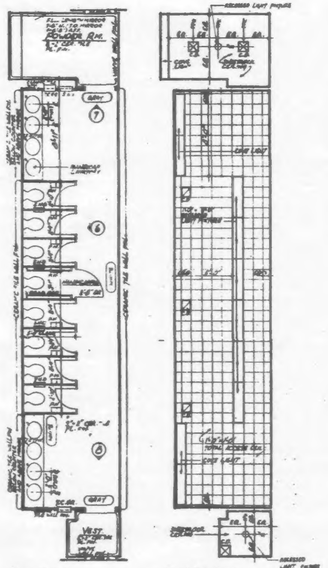
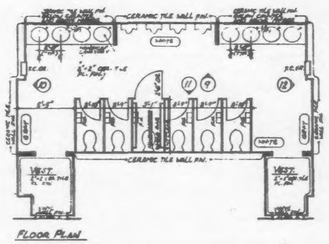
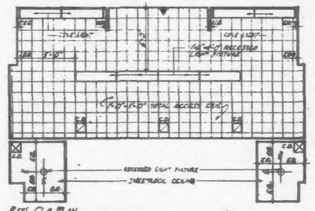




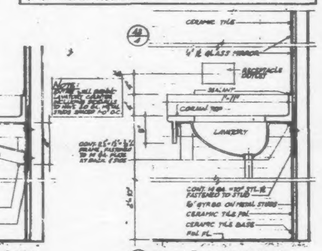


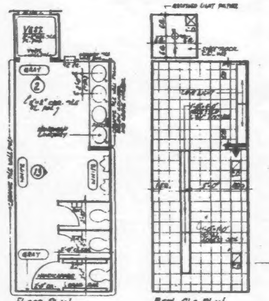


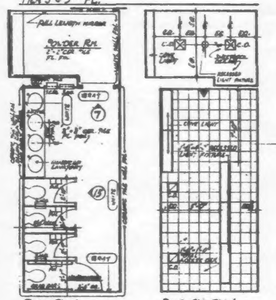


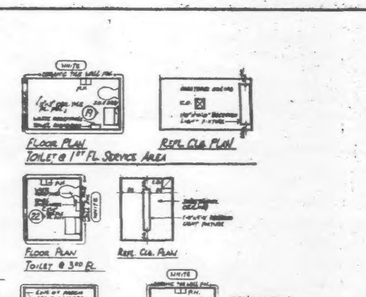
FINISHES:

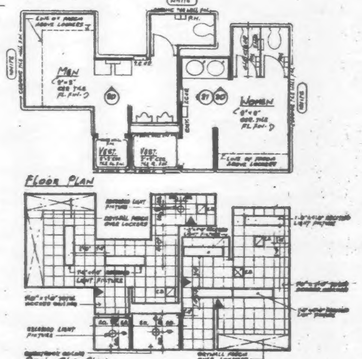
VINYL WALL COVERING WHERE INDICATED:	'SANDN'	DANDEX FB-6878
CERAMIC FLOOR TILE WHERE INDICATED:	AMERICAN OLEAN - UNGLAZED	
	COLOR: DAWN GRAY	
CERAMIC WALL TILE WHERE INDICATED:	AMERICAN OLEAN - UNGLAZED	
	COLOR: DAWN GRAY	WHITE
TOILET PARTITION COLOR:	GRAY	WHITE
PAINT FOR DOORS & DOOR BUCKS:	TO MATCH ACCESSORY FINISHES AS PER FINISH SCHEDULE ON DRAWING NO.	







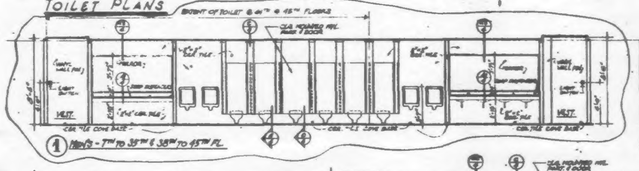


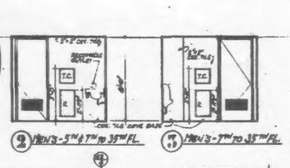


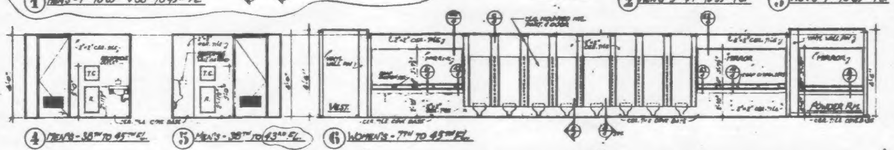
NOTES:

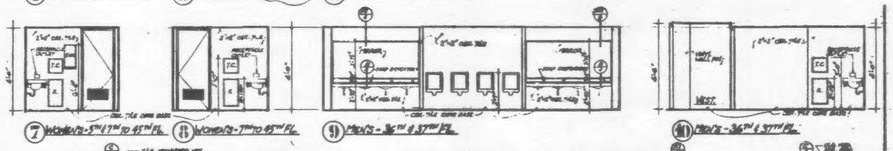
1. ALL DIMENSIONS IN THIS DRAWING ARE FINISH DIMENSIONS.
2. FOR DRAWING AND FINISH SCHEDULE LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
3. FOR DOOR AND LOUVRE LISTING SCHEDULES, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #3.
4. SEE DRAWINGS #6 THROUGH #8 FOR ROUGH DIMENSIONS.
5. WARM RESISTANT BOARD TO BE USED IN ALL TOILETS.
6. ALL DOORS WITH CLOSERS (OTHER THAN BRUSH HINGES) TO BE MIN. 1" CLEAR OF PARTITION SWING FACE.

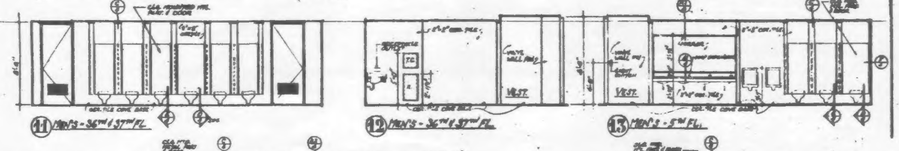
TOILET PLANS

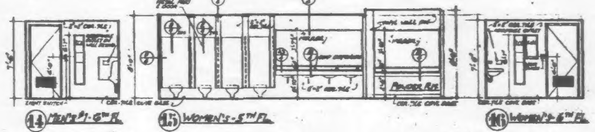


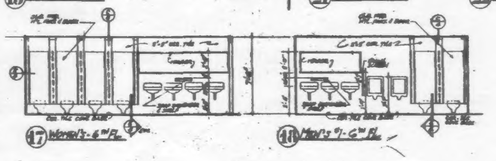






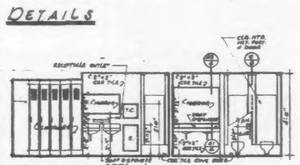


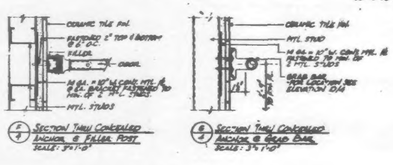


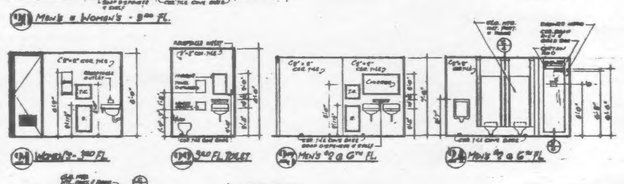


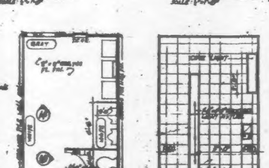
ELEVATIONS

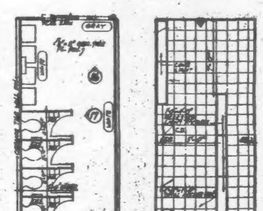
DETAILS

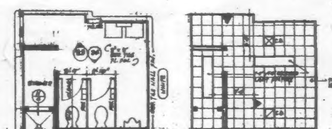












5-29-87 - REVISED TITLE MEN'S @ 36TH TO 43RD FLOOR; - REVISED ELEVATION "I"

DATE | REVISIONS

TOILET DETAILS

7 WORLD TRADE CENTER
47 STORY OFFICE BLDG.
FOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

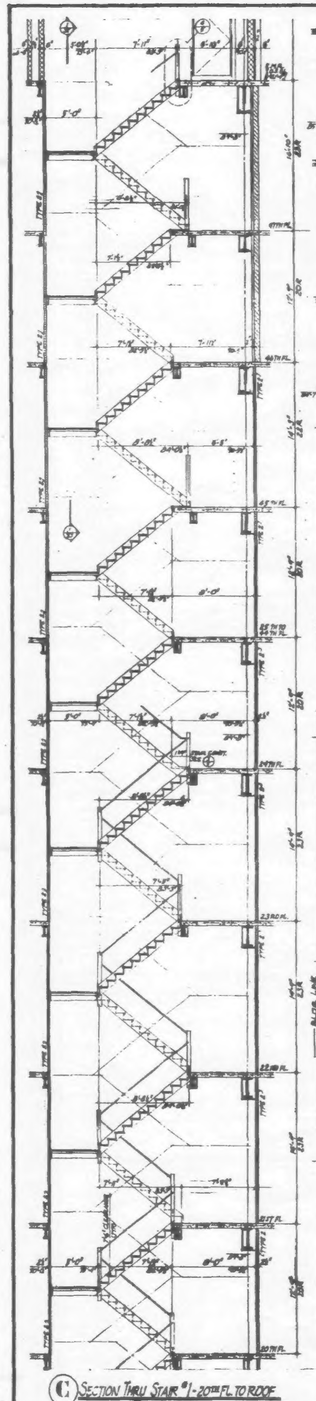
EMERY ROTH & SONS P.C.
ARCHITECTS
NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR, P.C.
STRUCTURAL ENGINEERS
NEW YORK, N.Y.

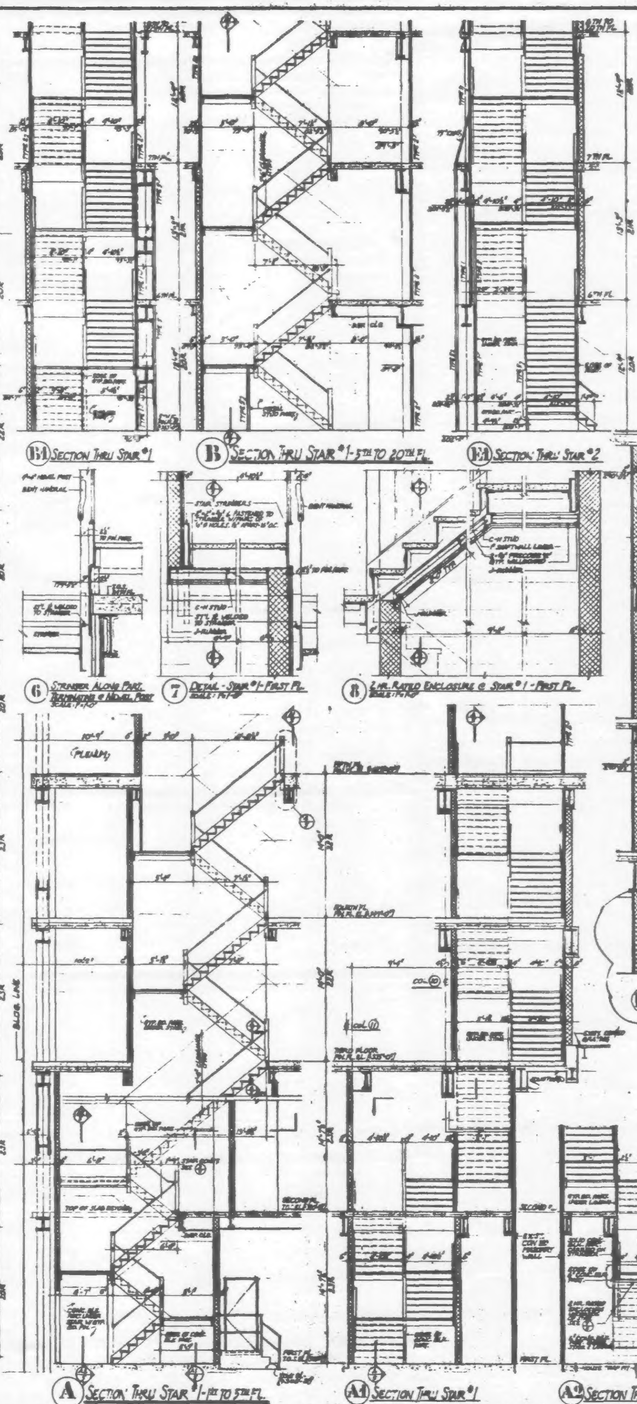
SYSKA & HENNESSY
ENGINEERS
NEW YORK, N.Y. 10036

DATE: OCT. 20, 1986 | SCALE: 1/4"=1'-0" UNLESS OTHERWISE NOTED

DWG. 4



C SECTION THRU STAIR #1 - 20TH FL. TO ROOF



A SECTION THRU STAIR #1 - 1ST TO 5TH FL.

A4 SECTION THRU STAIR #1

A2 SECTION THRU STAIR #1

B1 SECTION THRU STAIR #1

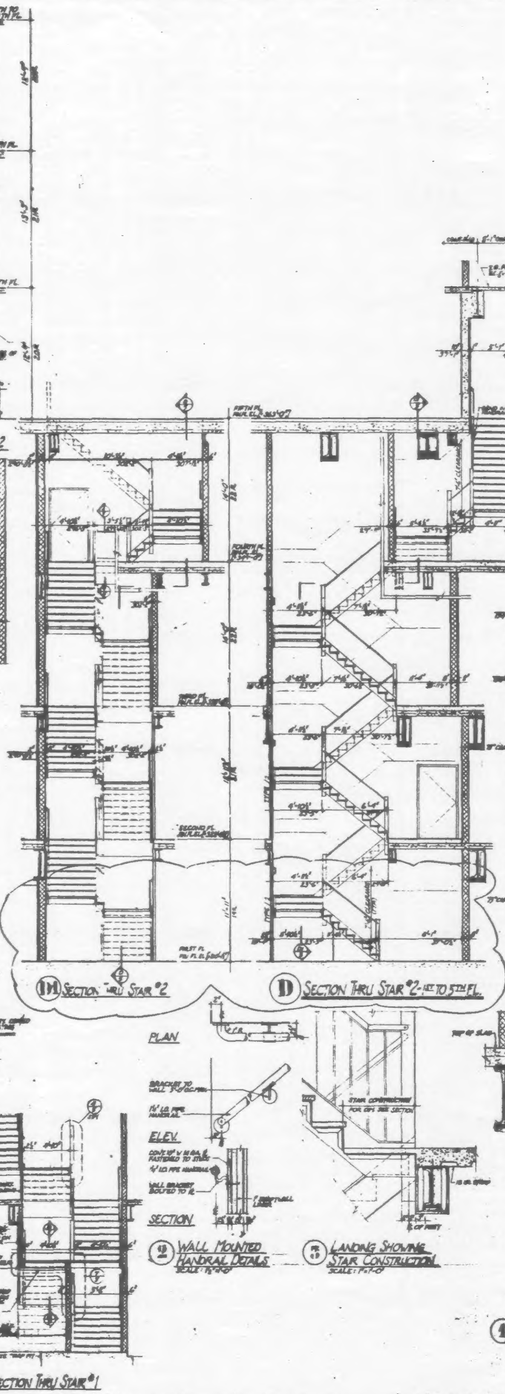
B SECTION THRU STAIR #1 - 5TH TO 20TH FL.

B2 SECTION THRU STAIR #2

6 STRINGER ALONG PART. TERMINATE @ NEWEL POST

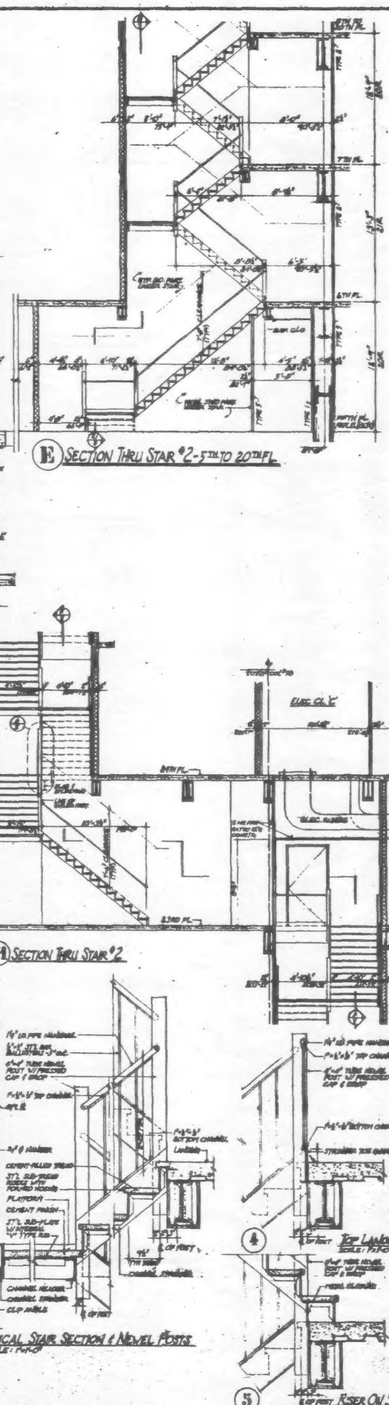
7 DETAIL - STAIR #1 - FIRST FL.

8 1 HR. RATED ENCLOSURE @ STAIR #1 - FIRST FL.



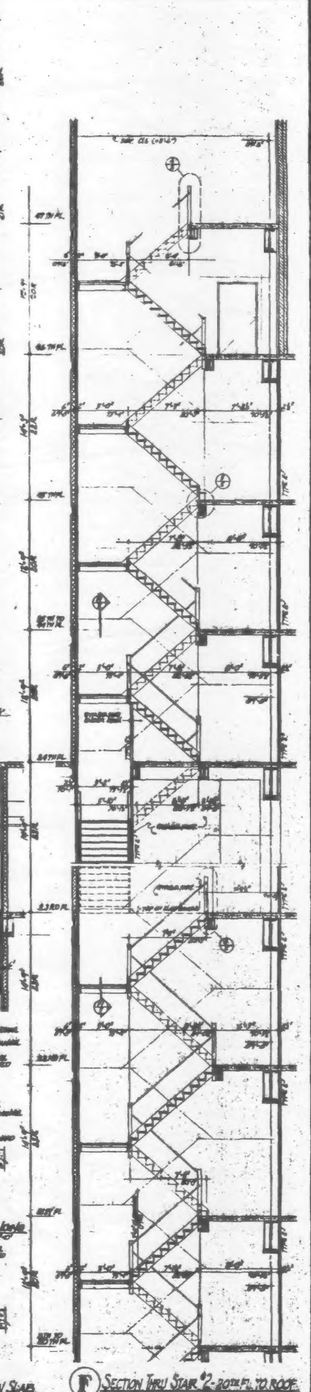
D1 SECTION THRU STAIR #2

D SECTION THRU STAIR #2 - 1ST TO 5TH FL.



E SECTION THRU STAIR #2 - 5TH TO 20TH FL.

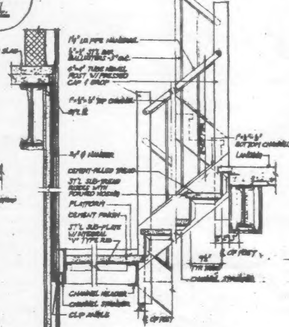
F1 SECTION THRU STAIR #2



F SECTION THRU STAIR #2 - 20TH FL. TO ROOF

2 WALL MOUNTED HANDRAIL DETAILS

3 LANDING SHOWING STAIR CONSTRUCTION



4 TYPICAL STAIR SECTION & NEWEL POSTS

5 RISER ON STAIR

TOP LANDING

4

NOTES:

1. FOR DRAWING & FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS & ABBREVIATIONS, SEE DRAWING #1.
2. FOR PARTITION TYPES AND MISCELLANEOUS DETAIL DETAILS, SEE DRAWING #2.
3. FOR STAIR PLANS, SEE DRAWINGS #6 THRU #25.
4. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ELEVATIONS ARE IN RELATION TO W.T.C. DATUM EL. 0'-0" [-300.07FT] BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN WHICH IS 8.79 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.

STAIR SECTIONS & DETAILS

7

WORLD TRADE CENTER
47 STORY OFFICE BUILDING

BOUNDED BY
VESEY STREET, ALL BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

EMERY ROTH & SONS P.C.
ARCHITECTS
645 THIRD AVENUE NEW YORK, N.Y. 10017

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
515 THIRD AVENUE NEW YORK, N.Y. 10016

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 20, 1966 SCALE: 1/4"=1'-0" ON 30 INCHES

DWG. 5

BARCLAY STREET

340'-10⅝" LOT

PROPERTY LINE

EXISTING TRANSFORMER VAULT NO 5

EXISTING TRANSFORMER VAULT NO 4

EXISTING TRANSFORMER VAULT NO 3

EXISTING TRANSFORMER VAULT NO 2

EXISTING TRANSFORMER VAULT NO 1

EXISTING TRANSFORMER VAULT NO 6

SEE TRUCK DIAGRAM

EXISTING LOWER SUBTREAM LEVEL

EL. 306'-0"

EXISTING TRANSFORMER VAULT NO 7

EXISTING TRANSFORMER VAULT NO 8

EXISTING TRANSFORMER VAULT NO 9

EXISTING TRANSFORMER VAULT NO 10

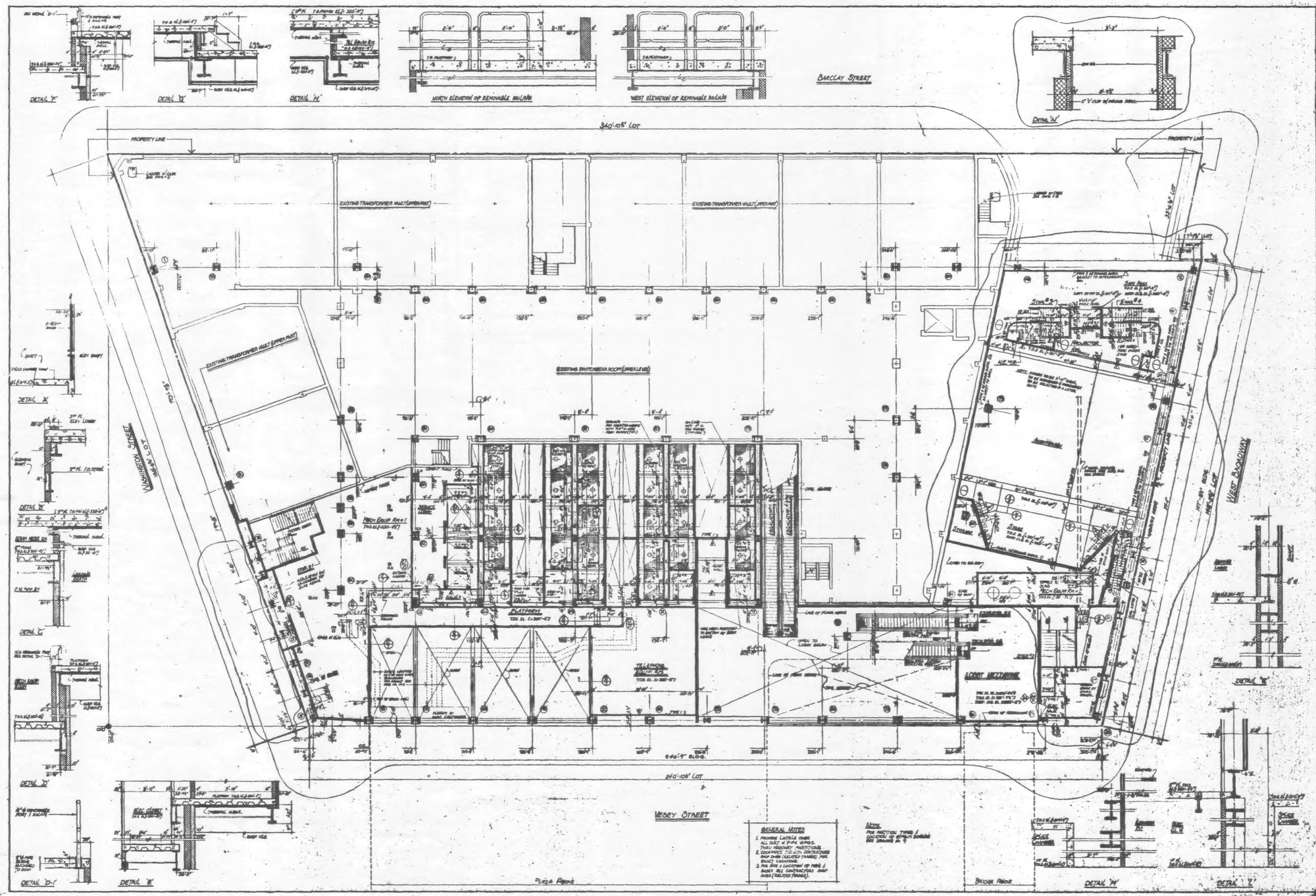
EXISTING TRANSFORMER VAULT NO 11

EXISTING TRANSFORMER VAULT NO 12

EXISTING TRANSFORMER VAULT NO 13

EXISTING TRANSFORMER VAULT NO 14

EXISTING TRANSFORMER VAULT NO



NOTES:

1. FOR GENERAL AND FINISH SCHEDULES, LEGENDS, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS SEE DWG. #1.
2. FOR DOOR AND LOUVER SCHEDULES, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS SEE DWG. #2.
3. FOR STAIR SECTION AND DETAILS SEE DWG. #5.
4. ALL DIMENSIONS ARE GIVEN TO FINISH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (OTHER THAN SWING DOORS) TO BE ABOUT 5" CLEAR OF PARTITION ON HINGE SIDE.
6. FOR TOILET RATING, SEE DWG. #4.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. SURFACE ELEVATIONS ARE IN RELATION TO N.Y.C. DATUM EL. 0'-0" [= 200.097] BEING DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 3.78 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, DATUM BROOK, N.Y.
9. ALL DIMENSIONS SHOWN THUS ( ) ARE IN MILLIMETERS TO FINISH FLOOR.
10. FOR ROOF PLAN OPERATIONS, SEE DWG. #6.

DATE	REVISIONS
8-13-69	REVISED PER ACCEPTANCE - BLDG. RECEIVED SEPTEMBER 5, 1969

7th Floor Plan

7 WORLD TRADE CENTER
47 STORY, OFFICE BUILDING

BOUNDED BY VESEY STREET AND WASHINGTON STREET AND WEST BROADWAY NEW YORK

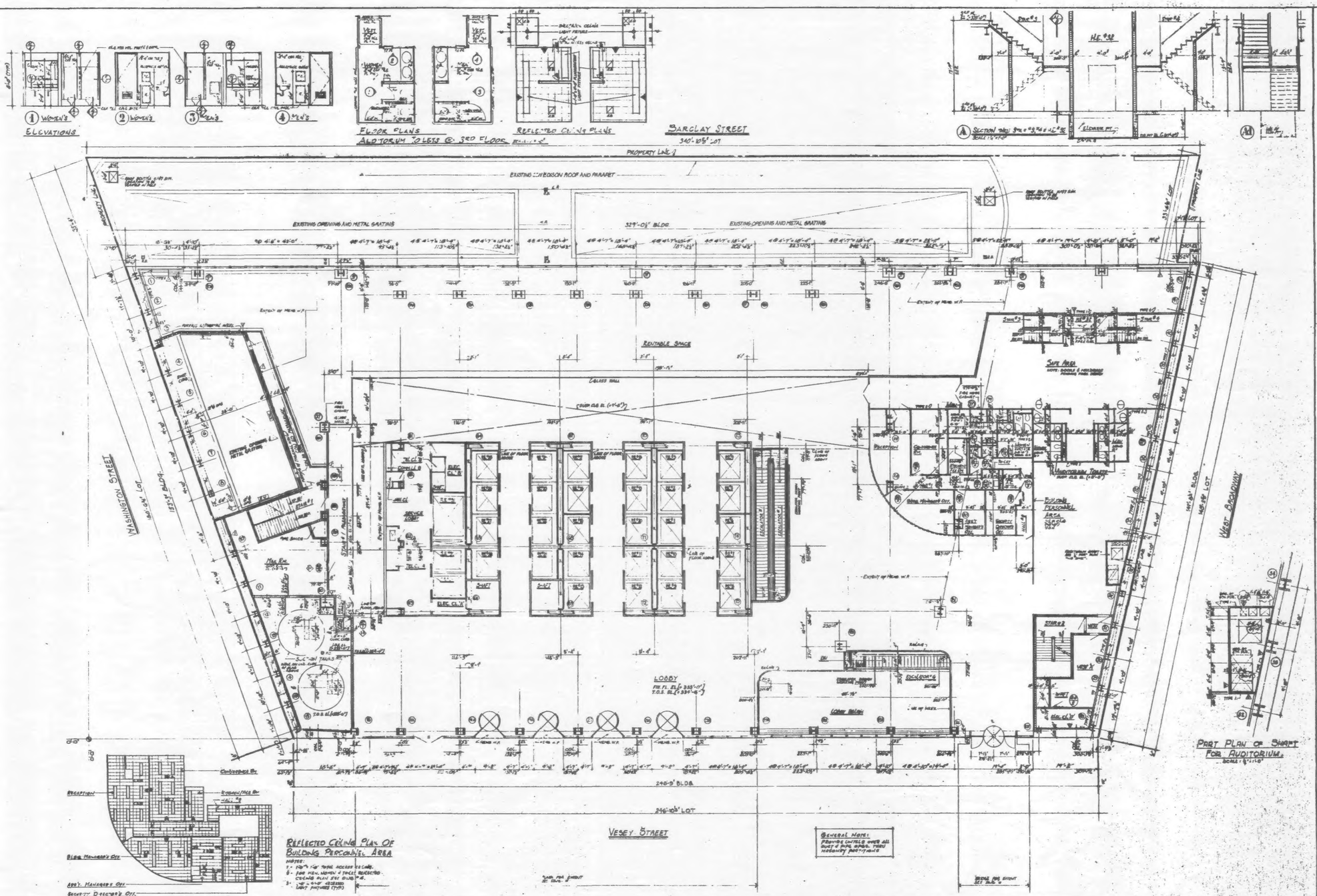
EMERY ROTH & SONS P.C.
ARCHITECTS
350 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
350 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
9 WEST 32ND STREET NEW YORK, N.Y. 10016

E-115 OCT 30, 1968 SCALE: 1/16"=1'-0"

DWG. 7



NOTES:

1. FOR DETAILED WALL FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS SEE DWG. #1.
2. FOR DOOR AND LOUVRE LAYOUT, SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS SEE DWG. #2.
3. FOR STAIR SECTION AND DETAILS SEE DWG. #5.
4. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (EITHER OVERHEAD OR CONCEALED) TO BE ADJUST 3" CLEAR OF PARTITION ON HOOK SIDE.
6. FOR TOILET DETAILS, SEE DWG. #6.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO NYC DATUM EL. 0'-0" (+9.00 CITY) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 2.78 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.
10. FOR TYPICAL PLAN DIMENSIONS, SEE DWG. #4.

NOTES FOR AUDITORIUM TOILETS & BUILDING PERSONNEL AREAS:

1. ALL PARTITIONS ARE TYPE 3 B.B.M.
2. ALL PARTITIONS TO HAVE ONE LAYER OF GYPSUM BOARD ON EACH SIDE OF STUD EXCEPT: TYPE 5 PARTITIONS WHICH HAVE ONE LAYER ON ROOM SIDE OF STUD.
3. MEN'S, WOMEN AND TOILET TO HAVE WATER RESISTANT GYPSUM BOARD.
4. ALL GRADILES TO BE ALUMINUM, CLEAR.
5. FOR REFLECTED CEILING PLAN, SEE PART PLAN THIS SHEET AND DWG. #4.

DATE	REVISIONS
1-11-71	CORRECTED SHAFT, ADDED 2 REC. SHAFT
6-17-67	REVISED FOR AUDITORIUM - REFL. PLAN AT REC. AREA - REFLECTED CLG. PLANS - ADD TOILETS - ADD 2" A.C. PAV. - ALSO MECHANICAL AREA - ADDED SHAFT FOR FLUID AIR DUCT, P.21

3RD FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK NEW YORK

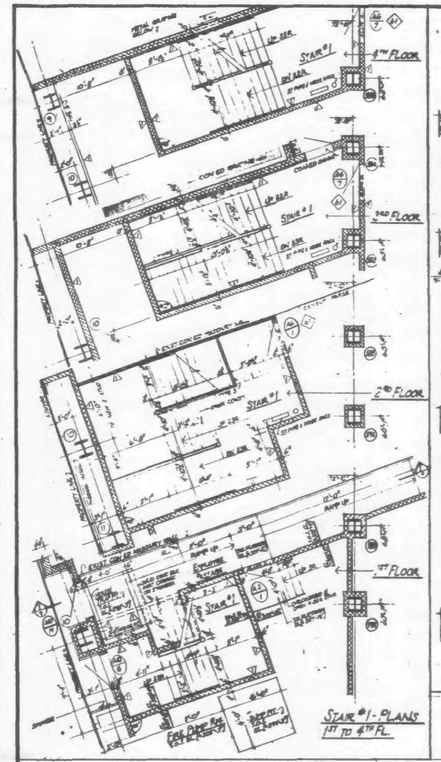
EMERY ROTH & SONS P.C.
ARCHITECTS
645 FIFTH AVENUE NEW YORK, N.Y. 10022

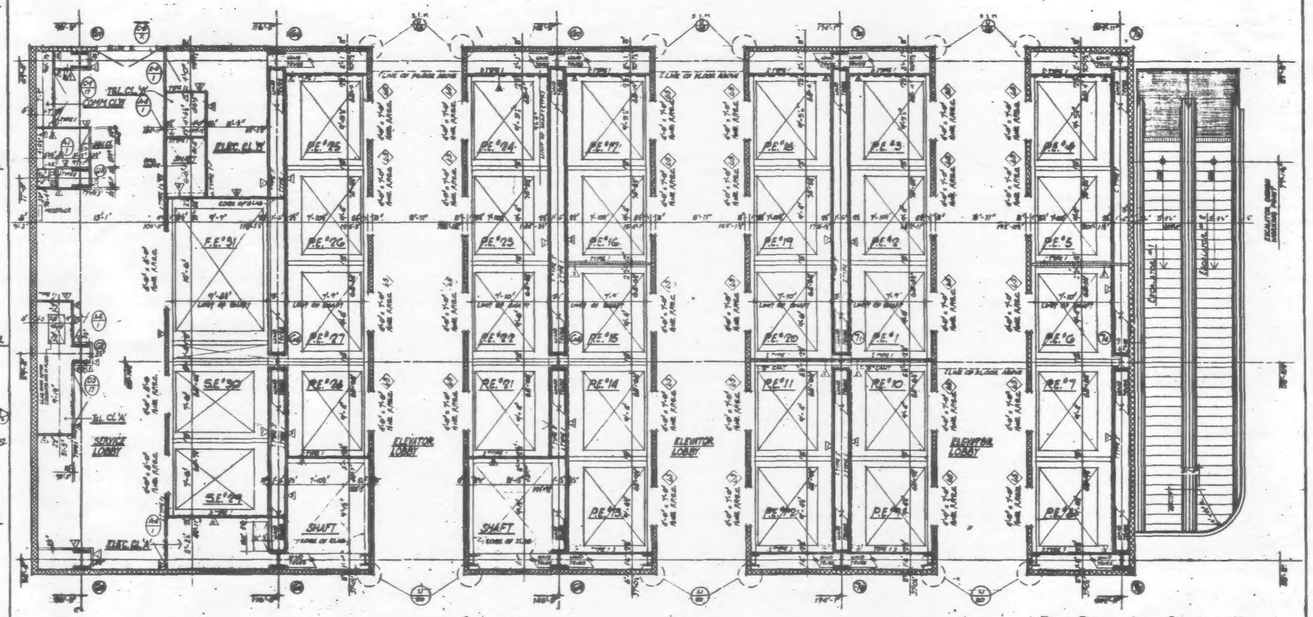
THE OFFICE OF IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
545 FIFTH AVENUE NEW YORK, N.Y. 10017

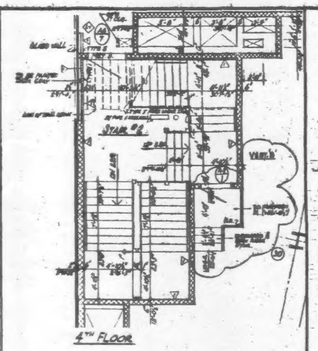
SYSKA & HENNESSY
ENGINEERS
11 EAST 42ND STREET NEW YORK, N.Y. 10036

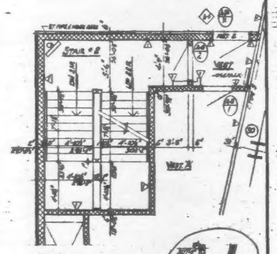
DATE: OCT. 20, 1966 SCALE: 1/8"=1'-0"

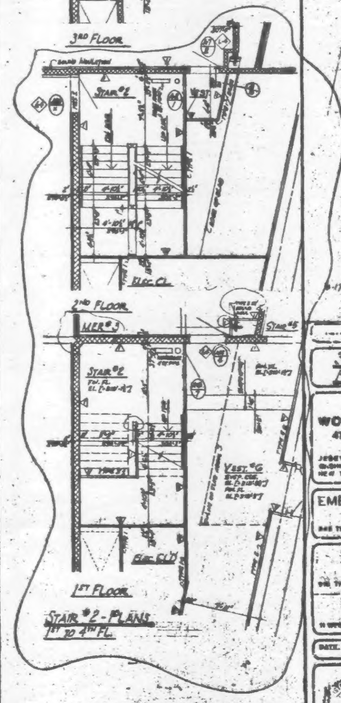
DWG. 8

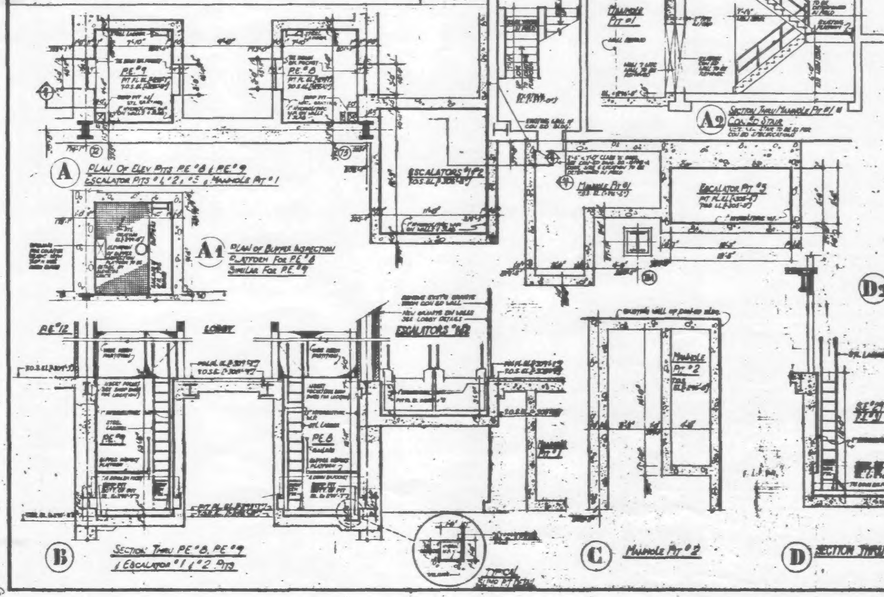












Notes:

1. FIRE CHANNELS AND PATCH SCHEDULE, LOUVER, KEY TO MATERIALS, EXTERIOR DOOR ARRANGEMENTS SEE DWG. #1.
2. FIRE DOOR AND LOUVER LISTS, SCHEDULE, DOOR DETAILS, PARTITION TYPES AND HARDWARE/LOUVER DETAILS SHALL BE SAME AS DWG. #2.
3. FIRE STAIR SECTION AND DETAILS SEE DWG. #2.
4. ALL DIMENSIONS ARE GIVEN TO FINISH FACE ONLY OF METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (OTHER THAN SPRAIN HANDLE) TO BE KEPT 5" CLEAR OF PARTITION ON HINGE SIDE.
6. BUILDING ELEVATIONS ARE IN RELATION TO W.T.C. DATUM EL. 0'-0" (-300.297') BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU, BOROUGH OF MANHATTAN, WHICH IS 2.73 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
7. ALL ELEVATIONS BEING THUS [illegible] ARE IN RELATION TO MAIN FLOOR.

3RD FLOOR CORE PLAN, PIT DETAILS & STAIR PLANS

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

DRAWING BY
JERSEY STREET AND BRADLEY STREET
CHURCH STREET AND WEST BROADWAY
NEW YORK NEW YORK

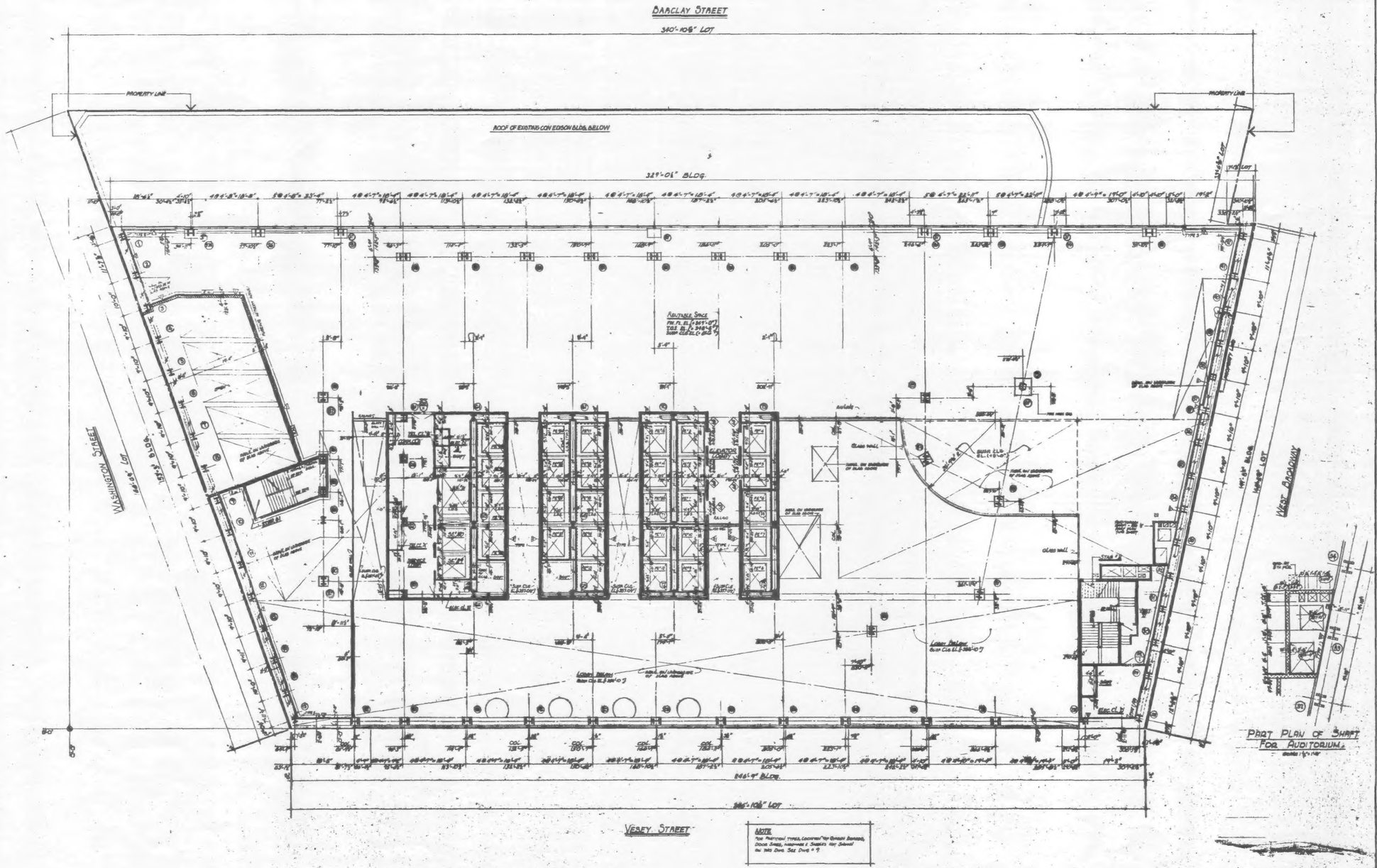
EMERY ROTH & SONS P.C.
ARCHITECTS
250 PARK AVENUE NEW YORK, N.Y. 10017

THE OFFICE OF
IRWIN G. CANTOR, P.E.
STRUCTURAL ENGINEERS
250 PARK AVENUE NEW YORK, N.Y. 10017

TYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 20, 1965 SC.-1/2" = 1'-0"

JOB 9



NOTES:

1. FOR DRAWING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOUDE LAITE SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS ENTABLE DETAILS, SEE DWG. #3.
3. FOR STAIR SECTION AND DETAILS, SEE DWG. #5.
4. FOR STAIR PLAN DIMENSIONS, SEE DWG. #9
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SWING DOORS) TO BE KEPT 3" CLEAR OF PARTITION ON HINGE SIDE.
7. BUILDING ELEVATIONS ARE IN RELATION TO W.T.C. DATUM EL. 0'-0" (8.300 FT.) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 8.75 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
8. ALL ELEVATIONS GIVEN THUS (7') ARE IN RELATION TO FINISH FLOOR.

7-1-67 CORRECTED DIM. & ADD. SHAFT
6-13-67 ADDED STAIR NUMBERS & REV. & ADD. DIM. TO SHAFT FOR AUDITORIUM, TITLE CHG. ETC.

4TH FLOOR PLAN

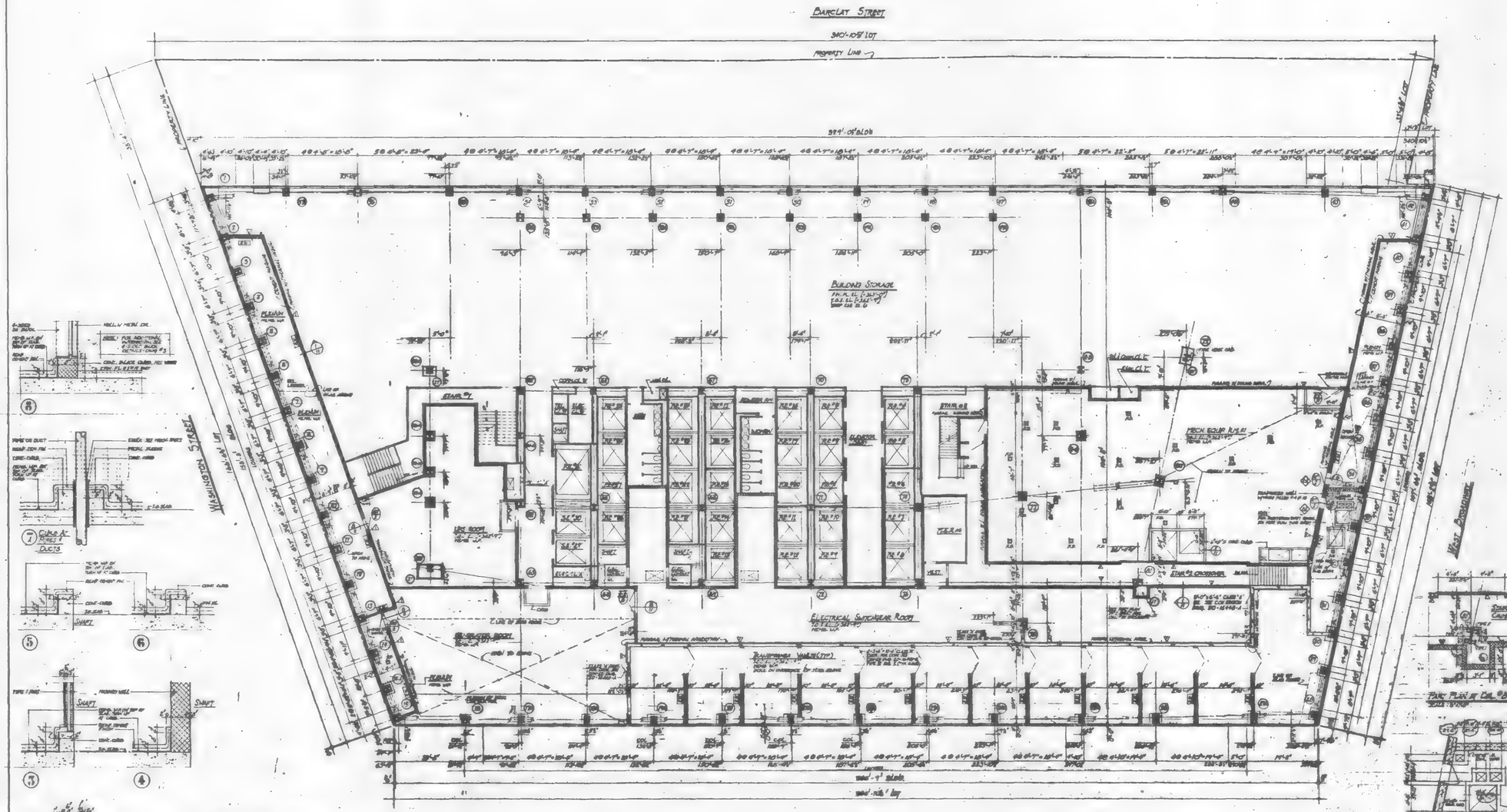
7 WORLD TRADE CENTER
AT CITY OFFICE BUILDING

CARL T. NOT... ARCHITECTS AND ...

OFFICE OF MINORU YAMASAKI ARCHITECT
ASSOCIATED ARCHITECTS

DATE: ... SCALE: 1/8"

SHEET 10



NOTES:

1. FOR DRAWING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOOSE LINEN SCHEDULE, BLOCK DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG. #3.
3. FOR STAIR SECTION AND DETAILS, SEE DWG #5.
4. ALL DIMENSIONS ARE GIVEN TO FINISH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (OTHER THAN SWING HANGS) TO BE KEPT 3" CLEAR OF PARTITION ON HINGE SIDE.
6. BUILDING ELEVATIONS ARE IN RELATION TO W.T.C. DATUM EL. 0'-0" (+100.00') BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 2.73 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
7. ALL ELEVATIONS GIVEN THUS (S) ARE IN RELATION TO FINISH FLOOR.
8. FOR TOILET DETAILS, SEE DWG #4.
9. MODA PARTITION BOARD TO BE USED IN ALL TOILETS.
10. FOR ENLARGED FIRE PLAN, SEE DWG. #13.

7-17-67	CORRECTED DIM. & PROT. SHAFT
6-17-67	REVISED PARTITIONS, ELEVATOR MACH. RM. CONNECTED DETAIL NO. 9
5-11-67	REVISED NO. 2
DATE	REVISIONS

5TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

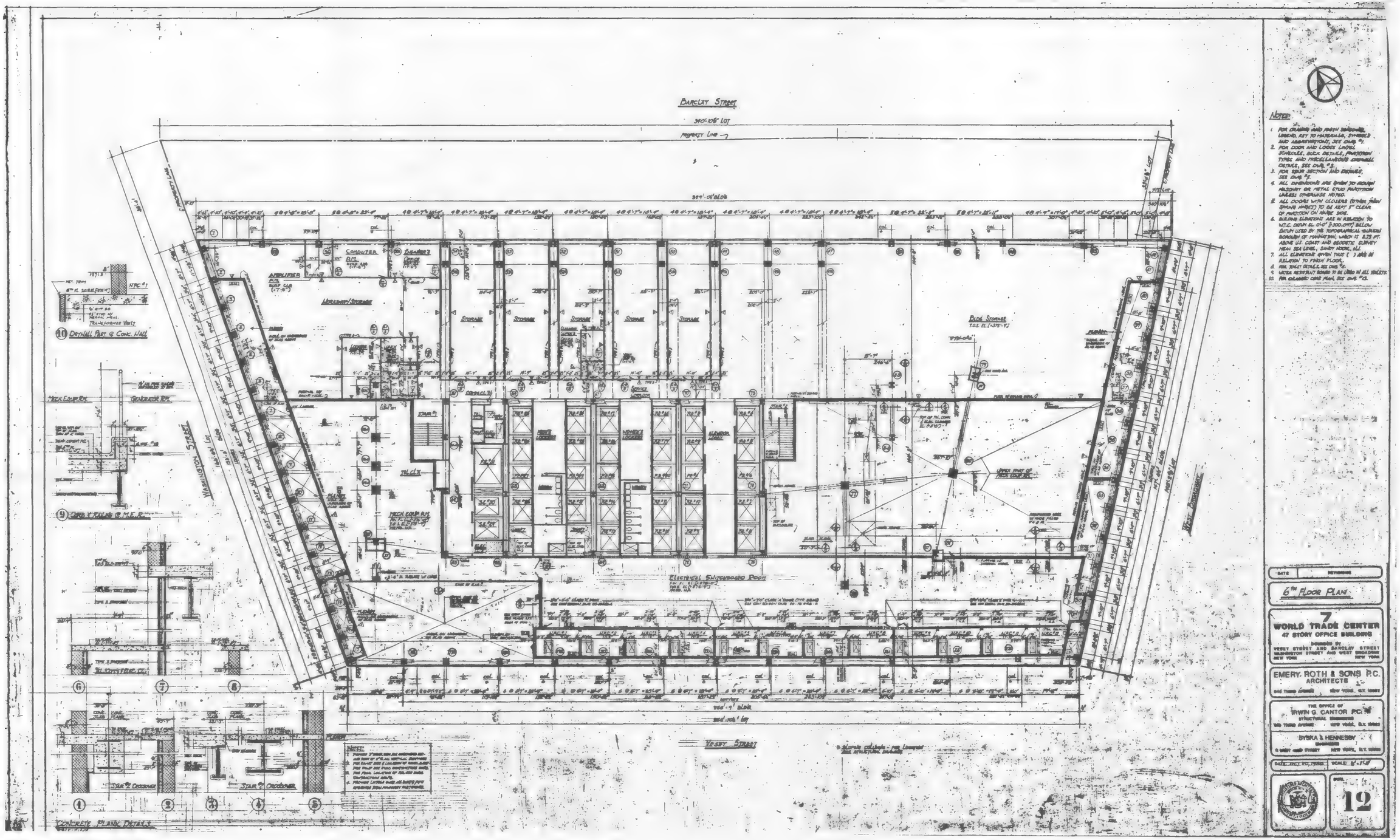
EMERY, ROTH & SONS P.C.
ARCHITECTS
ONE PARK AVENUE NEW YORK, N.Y. 10016

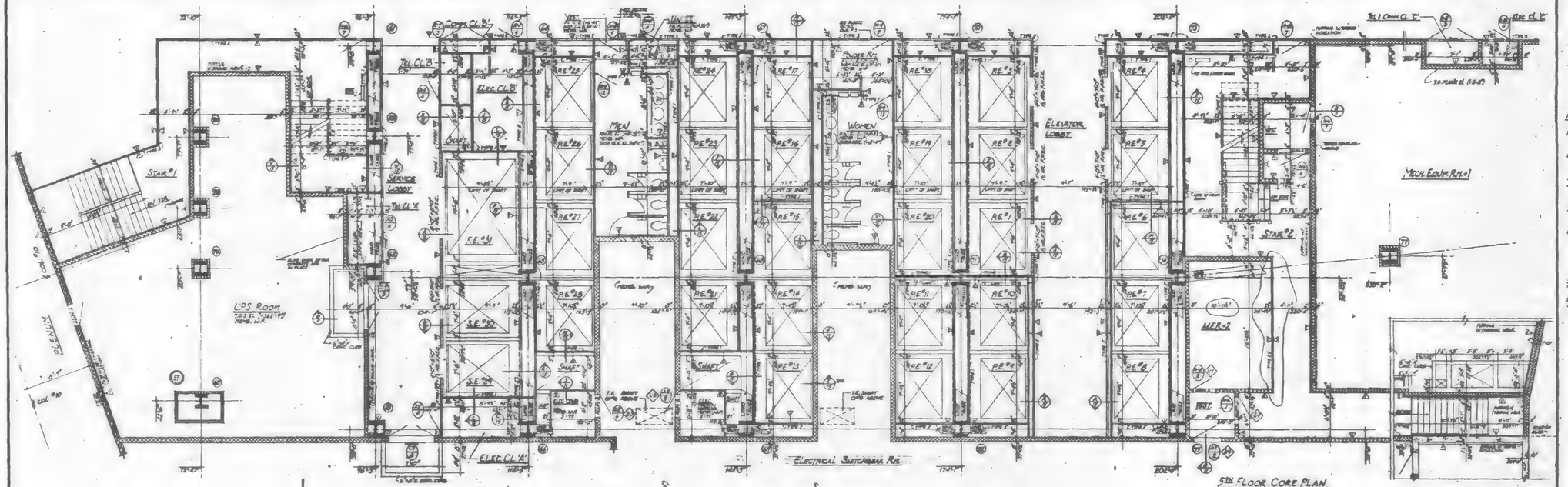
THE OFFICE OF
IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEER
345 PARK AVENUE NEW YORK, N.Y. 10022

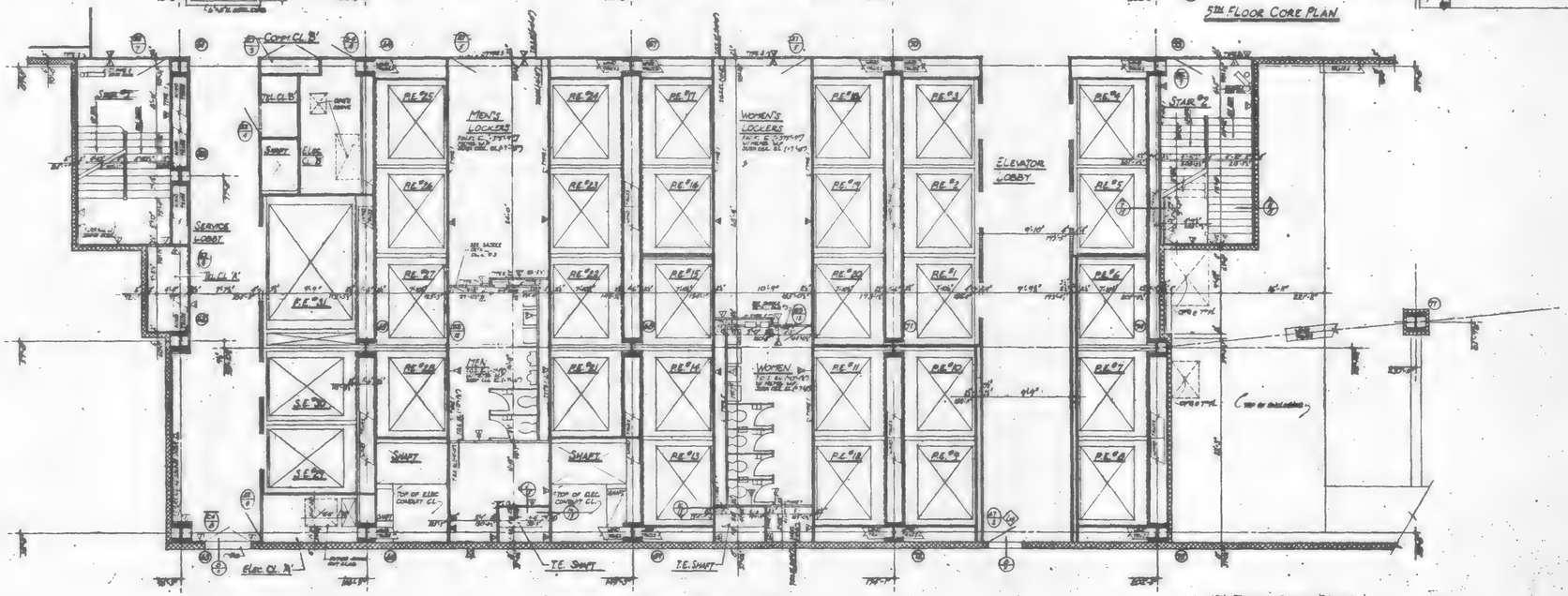
SYSKA & HENNESSY
MECHANICAL ENGINEERS
11 EAST 42ND STREET NEW YORK, N.Y. 10017

DATE: OCT. 20, 1966 SCALE: 1/8"-1'-0"

DWG. 11


BARCLAY STREET
PROPERTY LINE
WASHINGTON STREET
WEST BROADWAY
VESEY STREET
COMPUTER RM.
AMPLIFIER RM.
LAUNDRY/STORAGE
STORAGE
BLDG. STORAGE
ELECTRICAL SWITCHBOARD ROOM
MECH. EQUIP. RM.
GENERATOR RM.
TEL. CLK.
UPPER PART OF MECH. EQUIP. RM.
TRANSFORMER VAULT
10 DRYWALL PART. & CONC. WALL
9 STAIR 5 PLAN @ M.E.P.
CONCRETE PLANK DETAILS
STAIR 5 DESCENDS
STAIR 5 DESCENDS
NOTES:
1. FOR CRANING AND PATH DIAGRAMS, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOUVER LINTEL SCHEDULE, BLDG. DETAILS, PARTITION TYPES AND MISCELLANEOUS GENERAL DETAILS, SEE DWG. #2.
3. FOR REAR SECTION AND DETAILS, SEE DWG. #3.
4. ALL DIMENSIONS ARE GIVEN TO MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (OTHER THAN SWING DOORS) TO BE KEPT 5" CLEAR OF PARTITION ON HINGE SIDE.
6. BUILDING ELEVATIONS ARE IN RELATION TO N.Y.C. DATUM EL. 0'-0" (1.906 FEET BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 8.73 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
7. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.
8. FOR TOILET DETAILS, SEE DWG. #4.
9. METAL RESTRAINT BOARD TO BE USED IN ALL TOILETS.
10. FOR CALIBRATED CORE PLAN, SEE DWG. #13.
NOTES:
1. PRIMARY STEEL SHOWN AND DIMENSIONED ON THIS PLAN OF FINAL STRUCTURAL DRAWINGS.
2. FOR EXACT SIZE & LOCATION OF SLAB OPENINGS, SEE FINAL STRUCTURAL DRAWINGS.
3. FOR FINAL LOCATION OF FOR. SEE SHOP CONSTRUCTION DRAWINGS.
4. PROVIDE EXTRA SHEET METAL DUCTS AND PIPE OPENINGS FROM LABORATORY PARTITIONS.
NOTES:
1. FOR CRANING AND PATH DIAGRAMS, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOUVER LINTEL SCHEDULE, BLDG. DETAILS, PARTITION TYPES AND MISCELLANEOUS GENERAL DETAILS, SEE DWG. #2.
3. FOR REAR SECTION AND DETAILS, SEE DWG. #3.
4. ALL DIMENSIONS ARE GIVEN TO MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (OTHER THAN SWING DOORS) TO BE KEPT 5" CLEAR OF PARTITION ON HINGE SIDE.
6. BUILDING ELEVATIONS ARE IN RELATION TO N.Y.C. DATUM EL. 0'-0" (1.906 FEET BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 8.73 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
7. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.
8. FOR TOILET DETAILS, SEE DWG. #4.
9. METAL RESTRAINT BOARD TO BE USED IN ALL TOILETS.
10. FOR CALIBRATED CORE PLAN, SEE DWG. #13.
DATE
REVISIONS
6TH FLOOR PLAN
7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK
EMERY ROTH & SONS P.C.
ARCHITECTS
250 THIRD AVENUE NEW YORK, N.Y. 10003
THE OFFICE OF IRWIN G. CANTOR P.E. P.C.
STRUCTURAL ENGINEERS
100 THIRD AVENUE NEW YORK, N.Y. 10003
SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036
DATE: JULY 20, 1966
SCALE: 1/8"=1'-0"
DWG.
12





NOTE:
FOR ADDITIONAL NOTES AND SYMBOLS NOT SHOWN SEE 5TH & 6TH FL. CORE PLAN THIS DWG.

NOTES:

1. FOR DRAWING & FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOUVER LABEL SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #3.
3. FOR STAIR SECTION AND DETAILS, SEE DWG. #5.
4. ALL DIMENSIONS ARE GIVEN TO FACING MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (OTHER THAN SWING HANGER) TO BE HELD 3" CLEAR OF PARTITION ON HINGE SIDE.
6. BUILDING ELEVATIONS ARE IN RELATION TO W.T.C. DATUM EL. 0'-0" [+8.00 C.C.D.] BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, MARCH 15 1938 FT. ABOVE MEAN SEA LEVEL, SANDY HOOK, N.J.
7. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO MAIN FLOOR.
8. FOR TOILET DETAILS, SEE DWG. #4.
9. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.

△ 2-10-67 ADD WALL & DOOR #3 - WTC #1

DATE 06-SEP-66

5TH & 6TH FLOOR CORE PLANS

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY IN N.Y. NEW YORK

EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

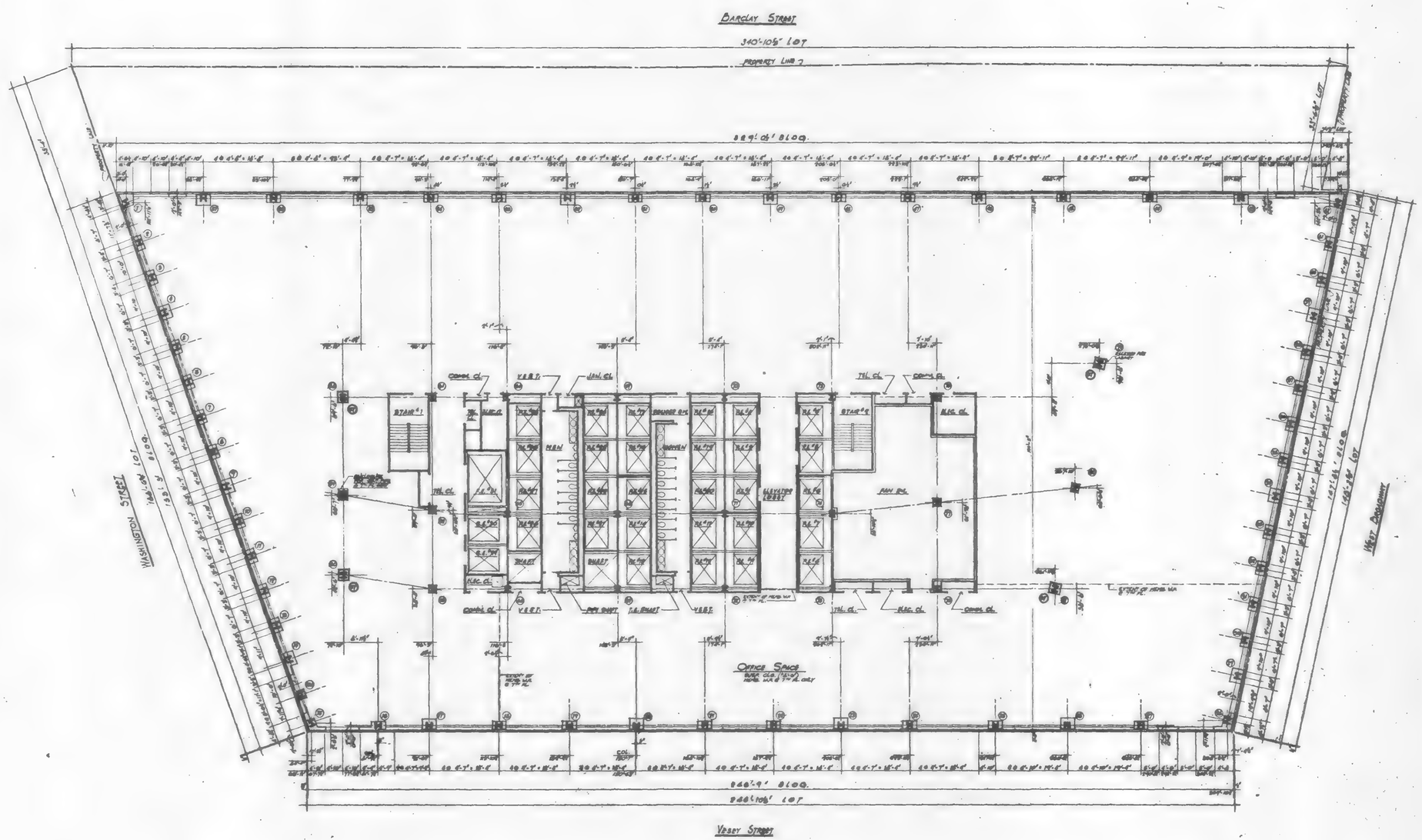
THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
Engineering
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 20, 1966 SCALE: 1/8"=1'-0"

DWG 15

13



NOTES:

1. FOR DRAWING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOUVER LABEL SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG. #3.
3. FOR TOILET DETAILS, SEE DWG. #4.
4. FOR STAIR SECTION AND DETAILS, SEE DWG. #9.
5. ALL DIMENSIONS ARE GIVEN TO FACING MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SPRING HINGES) TO BE KEPT 3" CLEAR OF PARTITION ON HINGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO U.S.T.S. DATUM EL. 0'-0" (± 200.0'M) BELOW DATUM USED BY THE TOPOGRAPHIC BUREAU BOROUGH OF MANHATTAN, WHICH IS 8.76 FT. ABOVE MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS: 1.48 M ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

7TH THRU 15TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

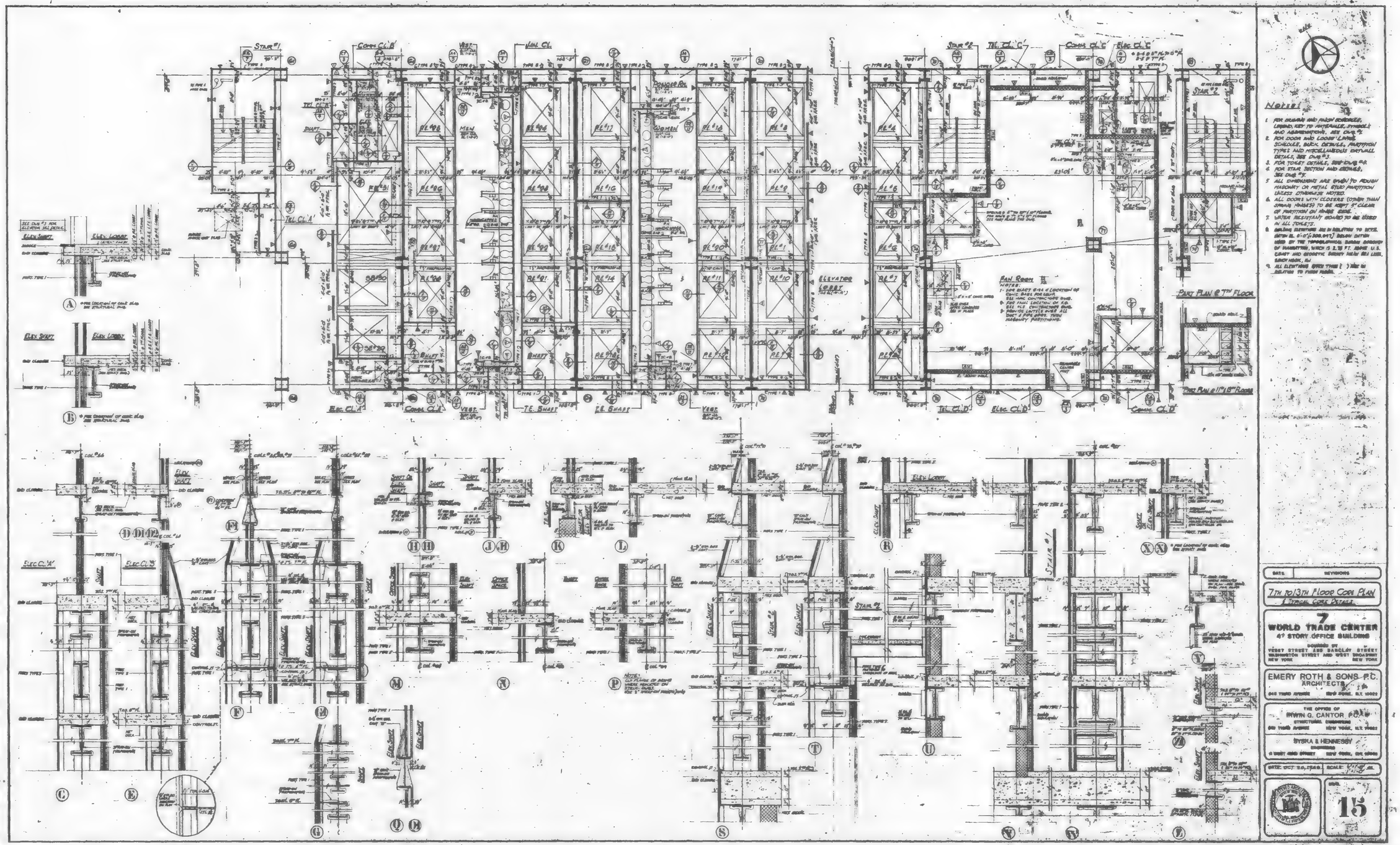
EMERY ROTH & SONS P.C.
ARCHITECTS
850 THIRD AVENUE NEW YORK, N.Y. 10022

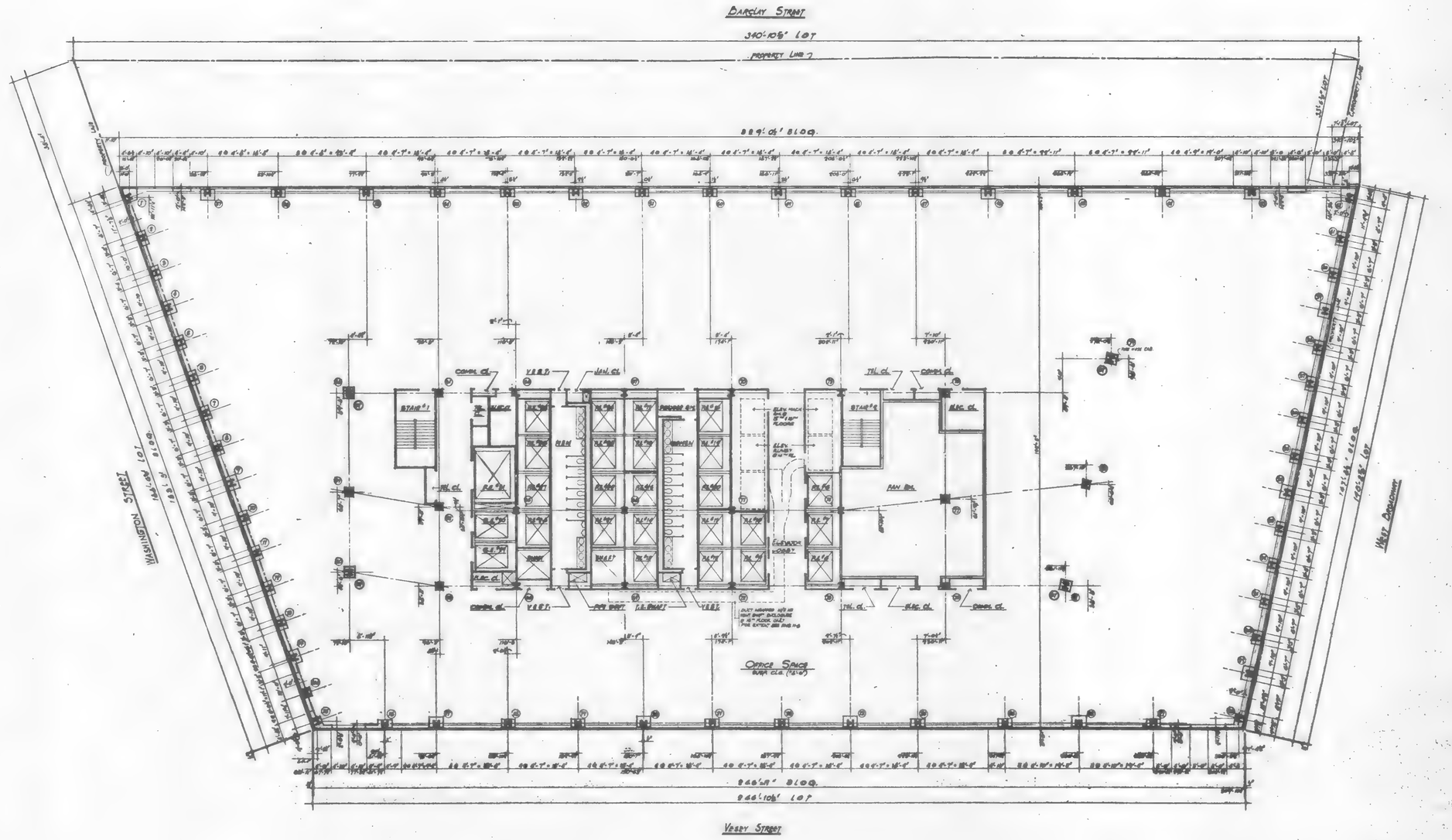
THE OFFICE OF
IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEERS
420 THIRD AVENUE NEW YORK, N.Y. 10003

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 20, 1966 SCALE: 1/8" = 1'-0"

DWG. 14


NOTES:
1. FOR DRAWING AND FINISH SCHEDULES, LEGENDS, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE CWG #2.
2. FOR DOOR AND LOUVER LISTS, SCHEDULES, BLOCK DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE CWG #3.
3. FOR TOILET DETAILS, SEE CWG #4.
4. FOR STAIR SECTION AND DETAILS, SEE CWG #7.
5. ALL DIMENSIONS ARE GIVEN TO FINISH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN JORDAN HANGER) TO BE KEPT 7" CLEAR OF PARTITION ON HINGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO DATUM (WITH EL. 0'-0"≙208.01') BELOW DATUM USED BY THE TOPOGRAPHICAL SURVEY BUREAU OF MANHATTAN, WHICH IS 2.38 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, NJ.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO THESE MARKS.
PLAN ROOM
PART PLAN @ 7TH FLOOR
PART PLAN @ 11TH & 18TH FLOOR
7TH TO 13TH FLOOR CORE PLAN
& TYPICAL CORE DETAILS
7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
EMERY ROTH & SONS P.C.
ARCHITECTS
THE OFFICE OF
IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEERS
SYSKA & HENNESSY
ENGINEERS
15



NOTES:

1. FOR DRAWING AND PARTS SCHEDULES, LEGENDS, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1
2. FOR DOOR AND DOOR FRAME SCHEDULE, BLOCK DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG. #3
3. FOR TOILET DETAILS, SEE DWG. #4
4. FOR STAIR SECTION AND DETAILS, SEE DWG. #8
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SWING DOORS) TO BE KEPT 3" CLEAR OF WALL ON HINGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO N.Y.C. DATUM (EL. 0'-0" = 2.0820 FT.) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 2.78 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS SHOWN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

14TH TO 16TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
DESIGNED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

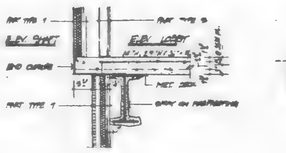
EMERY ROTH & SONS P.C.
ARCHITECTS
[illegible] THIRD AVENUE NEW YORK, N.Y. 10022

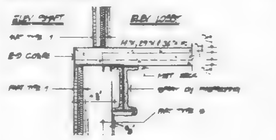
THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
[illegible] THIRD AVENUE NEW YORK, N.Y. 10022

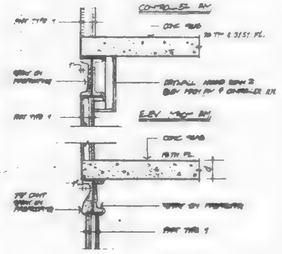
SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

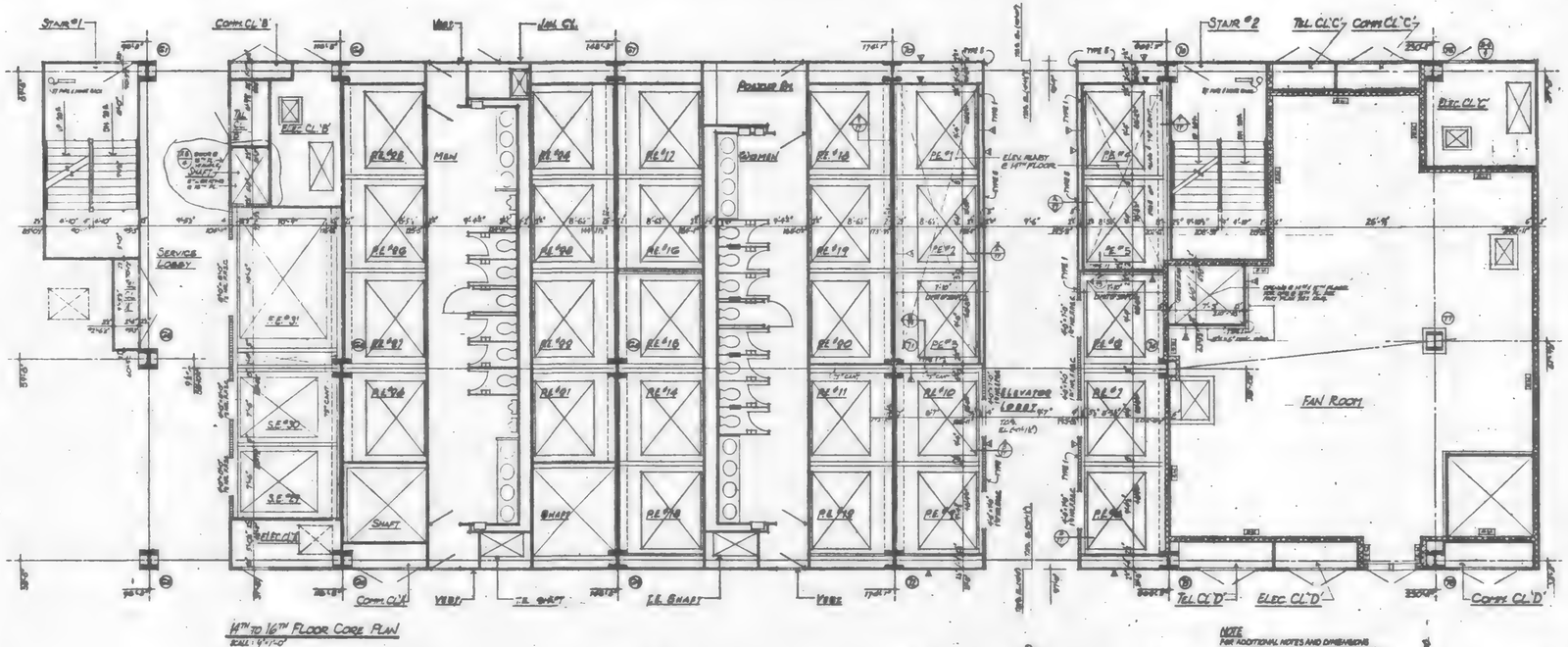
DATE: DEC. 30, 1966 SCALE: 1/8"-1'-0"

DWG. 16

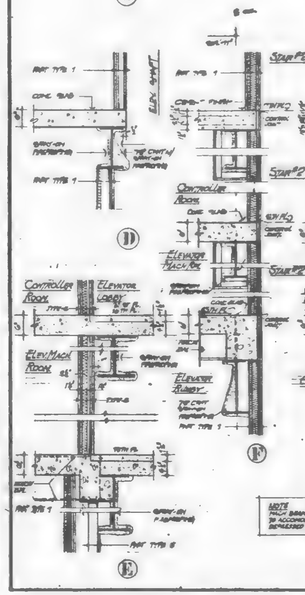


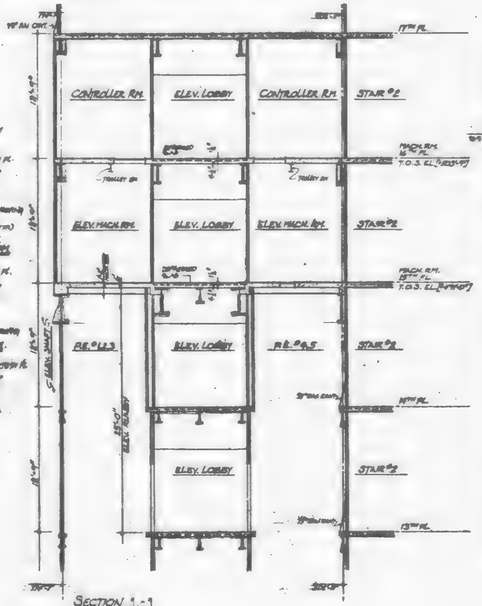




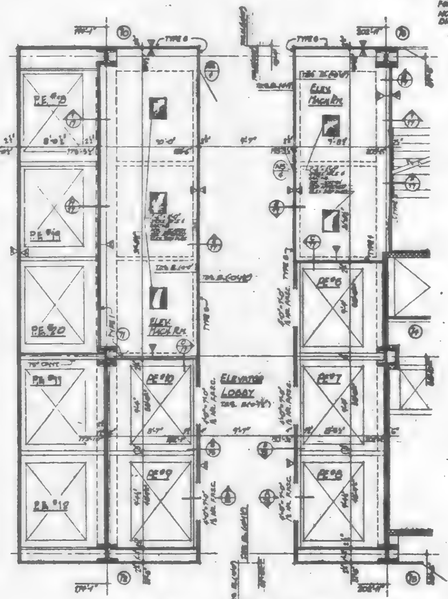


14TH TO 16TH FLOOR CORE PLAN
SCALE: 1/4"=1'-0"



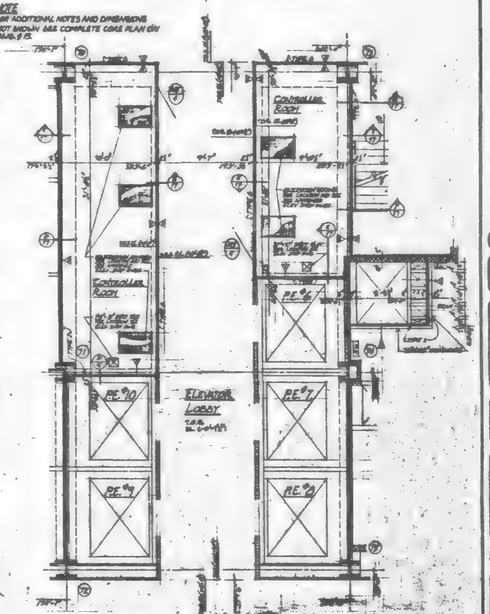


SECTION 1 - 1
SCALE: 1/8"=1'-0"



PART PLAN OF 15TH FLOOR
SCALE: 1/8"=1'-0"

NOTE
FOR ADDITIONAL NOTES AND DIMENSIONS NOT SHOWN SEE COMPLETE CORE PLAN ON SHEET 15



PART PLAN OF 16TH FLOOR
SCALE: 1/8"=1'-0"

NOTES

1. FOR CEILING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOUDS LINTEL SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG. #3.
3. FOR TOILET DETAILS, SEE DWG. #4.
4. FOR STAIR SECTION AND DETAILS, SEE DWG. #5.
5. ALL DIMENSIONS ARE GIVEN TO FACE OF MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SWING DOORS) TO BE KEPT 5" CLEAR OF PARTITION ON HANGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO MEAN DATUM EL. 0'-0" [= 3.00 CMT] BASED DATUM USED BY THE TOPOGRAPHICAL SURVEY DRAWING OF MANHATTAN, WHICH IS 5.92 FT ABOVE M.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN WITH ( ) ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS
5-11-67	ADDED DR. & SHAFTING @ SHAFT NOS. 16, 17, 18 & 19 PER STRUCTURAL NOTES AS PER SPEC.

14TH TO 16TH FLOOR CORE PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND CHURCH STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

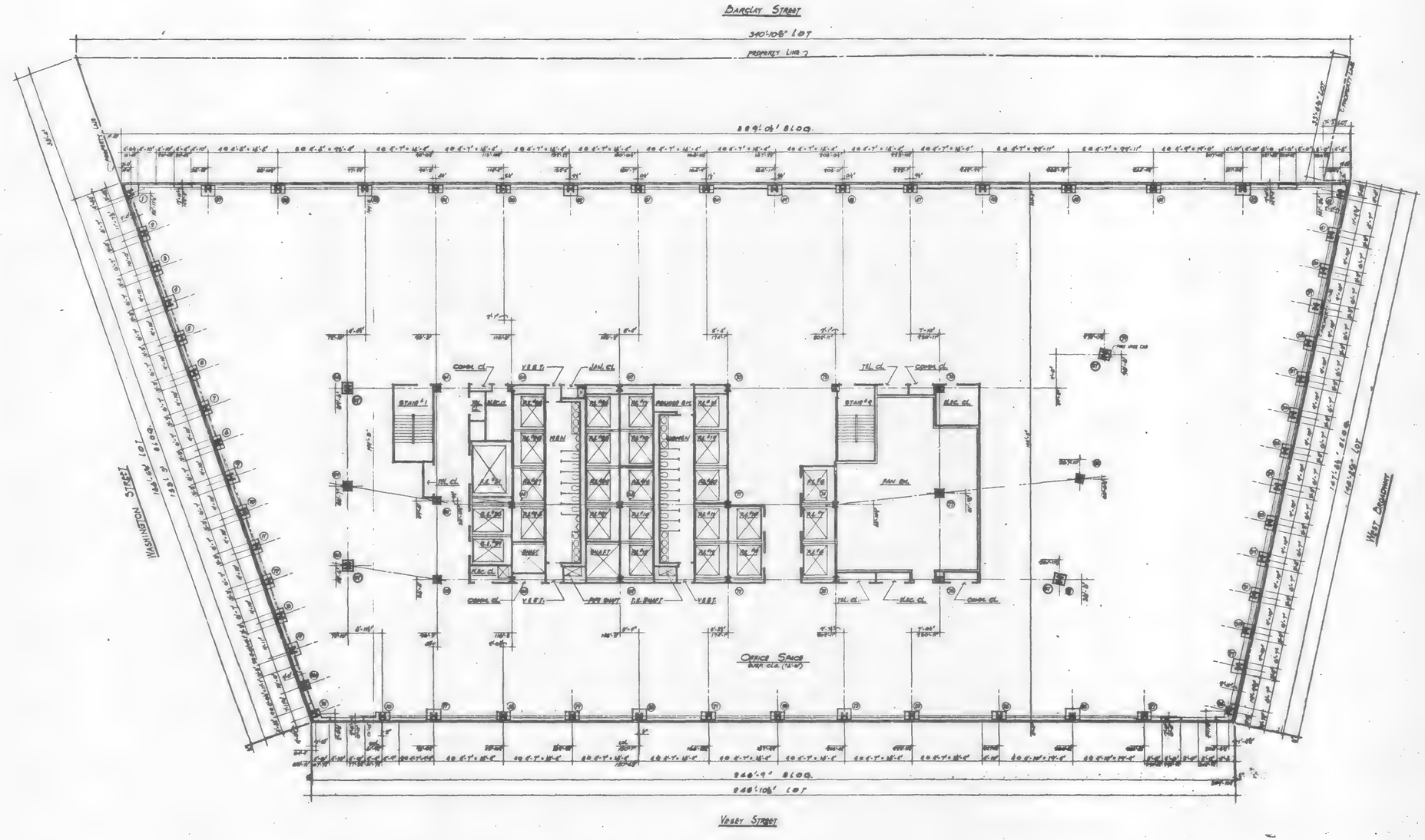
EMERY ROTH & SONS P.C.
ARCHITECTS
640 FIFTH AVENUE NEW YORK, N.Y. 10019

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
640 FIFTH AVENUE NEW YORK, N.Y. 10019

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 28, 1966 SCALE: 1/4"=1'-0"

DWG. 17



NOTES:

1. FOR DRAWING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOUVER LAYOUT SCHEDULE, BLOCK DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #5.
3. FOR TOILET DETAILS, SEE DWG. #4.
4. FOR STAIR SECTION AND DETAILS, SEE DWG. #6.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SHAFT DOORS) TO BE KEPT 3" CLEAR OF PARTITION OR WALL SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. ELEVATION DIMENSIONS ARE IN RELATION TO N.Y.C. DATUM EL. 0-0" (ASCOUNTY) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 8.70 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO MAIN FLOOR.

DATE	REVISIONS

17TH THRU 20TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

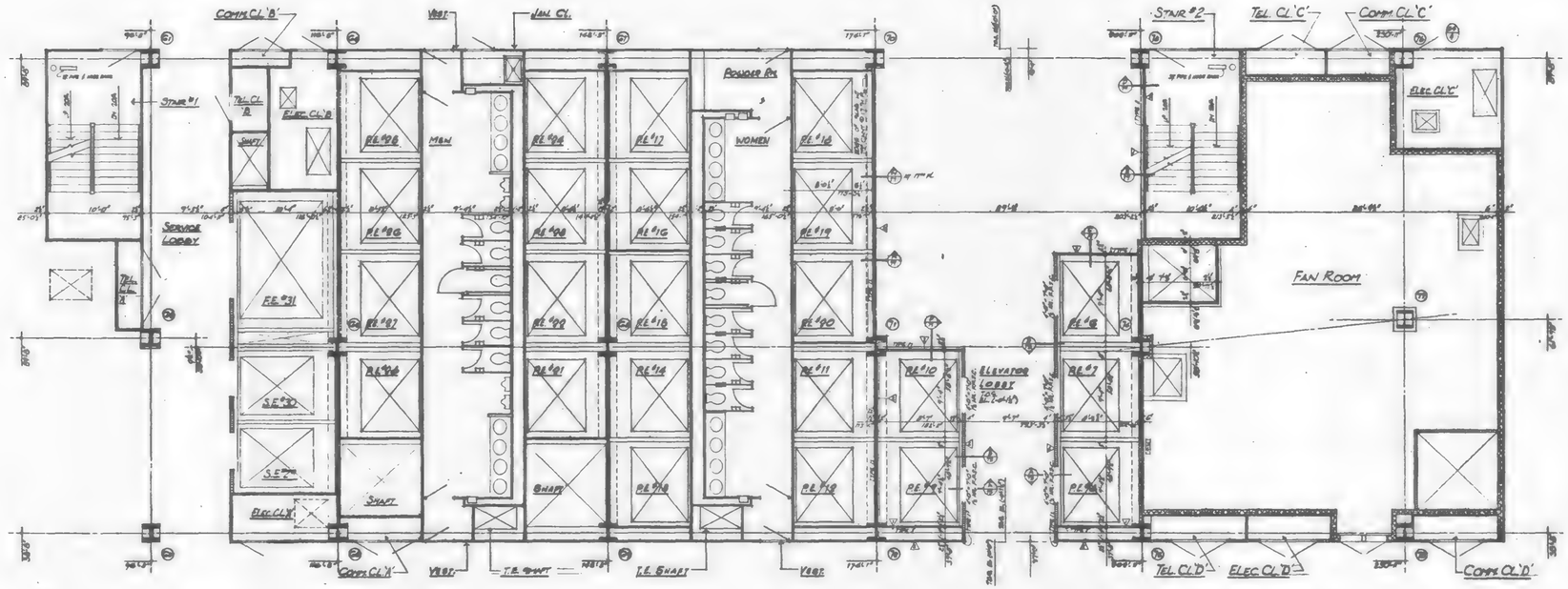
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10022

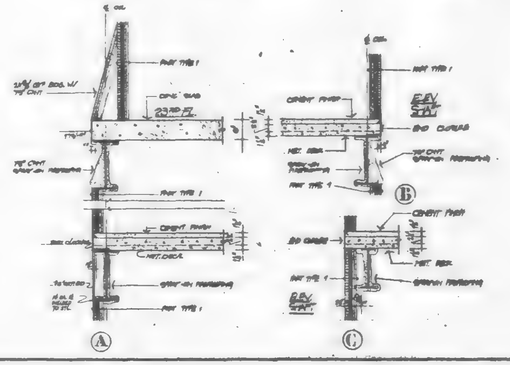
SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

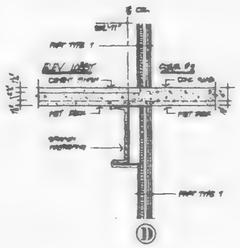
DATE: OCT. 20, 1966 | SCALE: 1/8" = 1'-0"

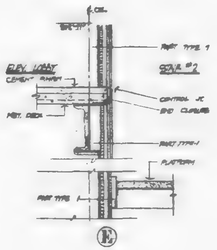
DWG. 18

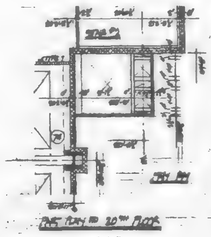


NOTE
FOR ADDITIONAL NOTES AND DIMENSIONS NOT SHOWN SEE COMPLETE CORE PLAN ON DWG #15









NOTES:

1. FOR SYMBOLS AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG #3.
2. FOR DOOR AND FRAME LINTEL SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG #5.
3. FOR TOILET DETAILS, SEE DWG #6.
4. FOR STAIR SECTION AND DETAILS, SEE DWG #7.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS - OTHERWISE NOTED.
6. ALL DOORS WITH CLOSING DEVICES SHALL SWING AWAY) TO BE SET 5" CLEAR OF PARTITION ON HINGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO N.Y.C. DATUM EL. 0'-0" (-3.000.077) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU, BOROUGH OF MANHATTAN, WHICH IS 8.76 FT. ABOVE MEAN COAST AND GEODETIC SURVEY DATUM OLD LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS [illegible] ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

17TH TO 20TH FLOOR CORE PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
DOMINED BY VESEY STREET AND CHURCH STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK

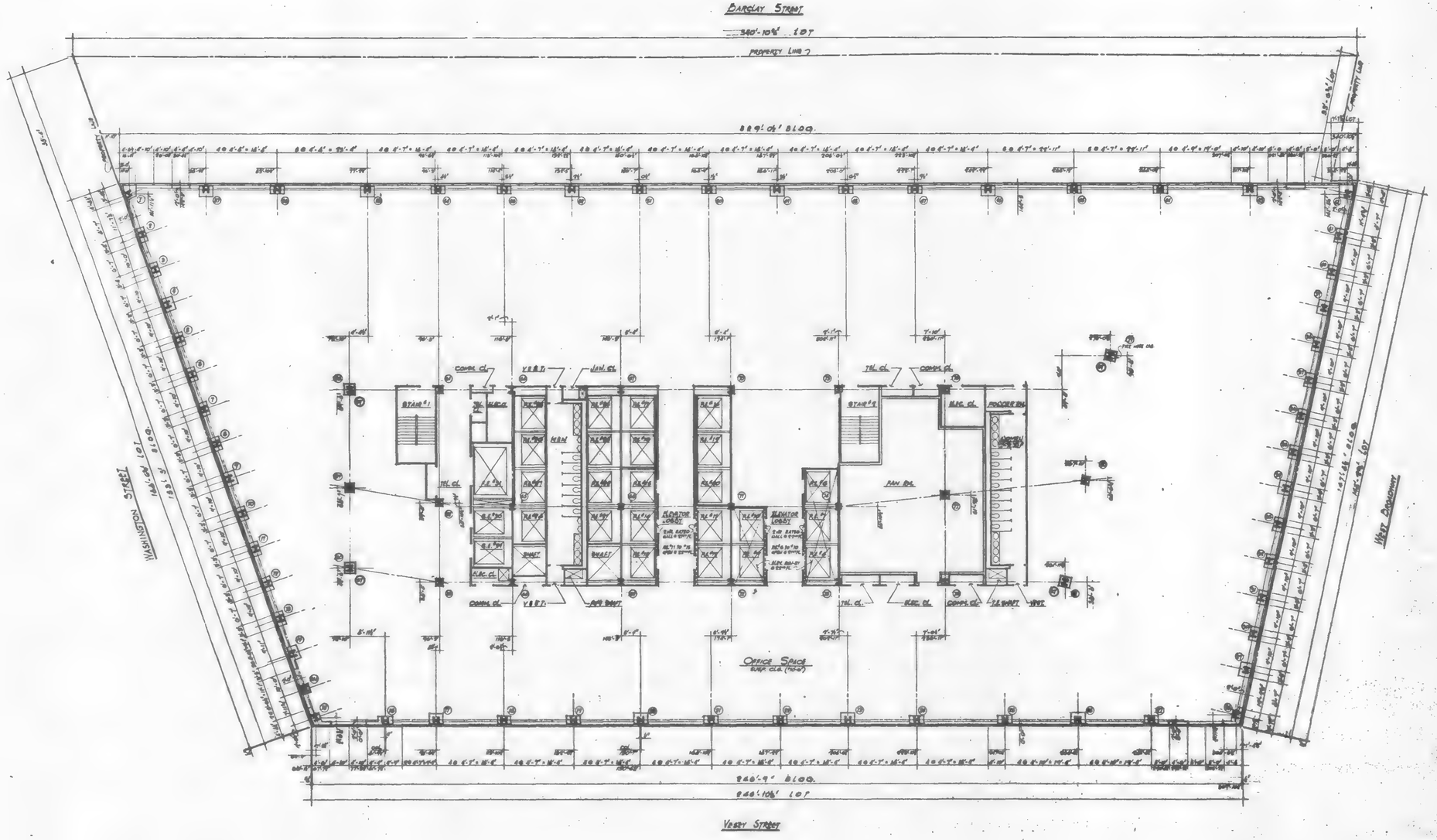
EMERY ROTH & SONS P.C.
ARCHITECTS
645 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
545 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 20, 1969 | SCALE: 1/8"=1'-0"

DWG. 19



NOTES:

1. FOR DRAWING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR AND LOUVER LAYOUT SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #3.
3. FOR TOILET DETAILS, SEE DWG. #4.
4. FOR STAIR SECTION AND DETAILS, SEE DWG. #5.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN GROUND FLOOR) TO BE HUNG 5" CLEAR OF PARTITION ON PANIC SIDE.
7. WATER RESISTANT BOARD TO BE USED AT ALL TOILETS.
8. SIDEWALK ELEVATIONS ARE AS RELATED TO N.Y.C. DATUM (EL. 0'-0") (APPROX. 2½' BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU, BOROUGH OF MANHATTAN, WHICH IS 3.29 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE AS RELATED TO FINISH FLOOR

DATE	REVISIONS

21st & 22nd FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
LOCATED AT
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

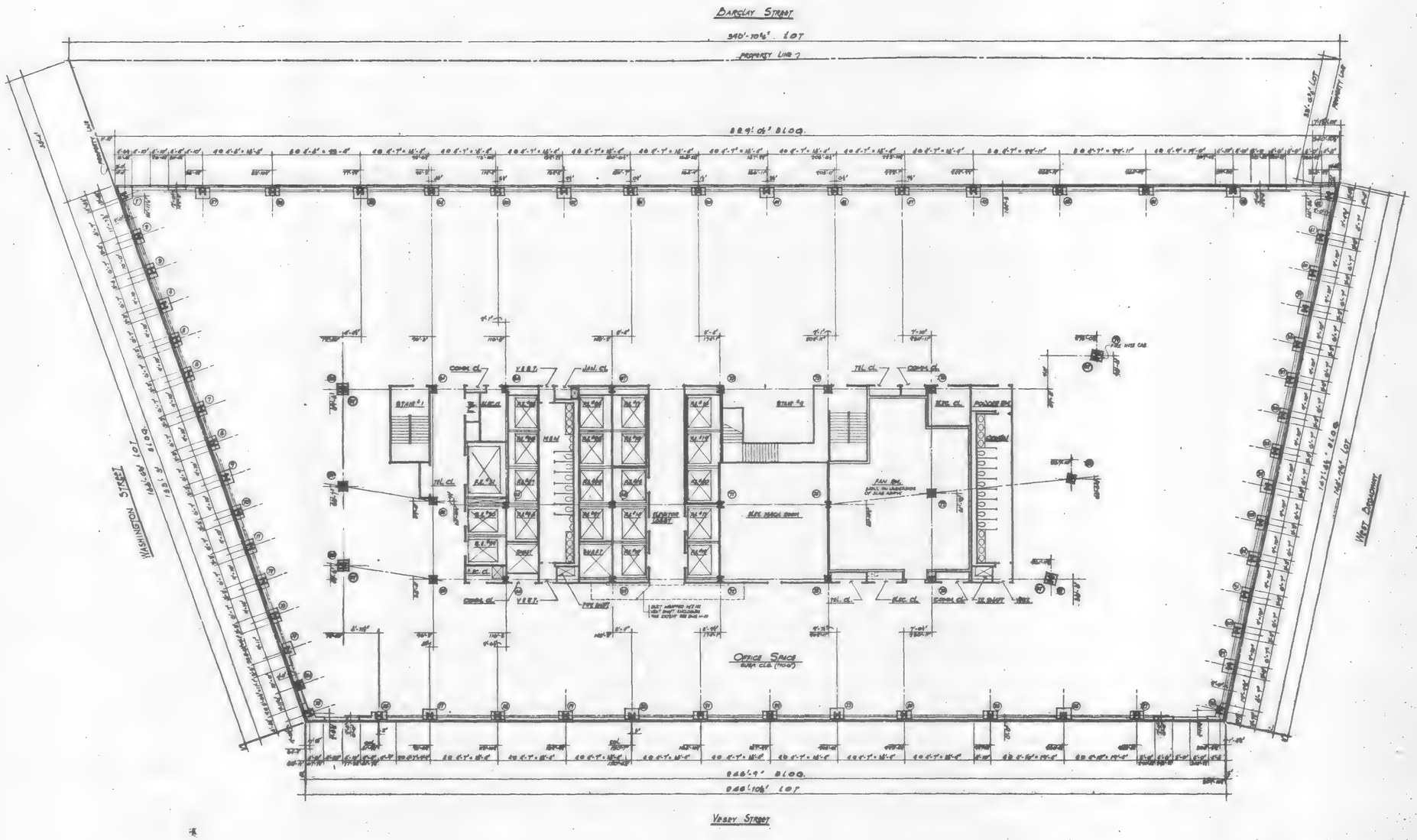
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
420 THIRD AVENUE NEW YORK, N.Y. 10016

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 20, 1966 SCALE: 1/8" = 1'

DWG. 20



NOTES:

1. FOR SYMBOLS AND PLAN SCHEDULE, LEGENDS, KEY TO MATERIALS, FINISHES AND ABBREVIATIONS, SEE DWG #2.
2. FOR DOOR AND LOUVER LAYOUT SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS SMALL DETAILS, SEE DWG #3.
3. FOR TOILET DETAILS, SEE DWG #4.
4. FOR STAIR SECTION AND DETAILS, SEE DWG #5.
5. ALL DIMENSIONS ARE GIVEN TO FINISH FACE/FACE OF MASONRY OR CONC. STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (EXCEPT THOSE SHOWN HINGED) TO BE ADJ. 5" CLEAR UP FROM FINISH ON DOOR SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BENCH MARKS ARE AS FOLLOWS TO M.T.C. DATUM EL. 0'-0" (+10.007') BRASS BOLT USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, MARCH 8, 1938 FT. HOOKE U.S. COAST AND GEODETIC SURVEY FROM SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

23RD FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

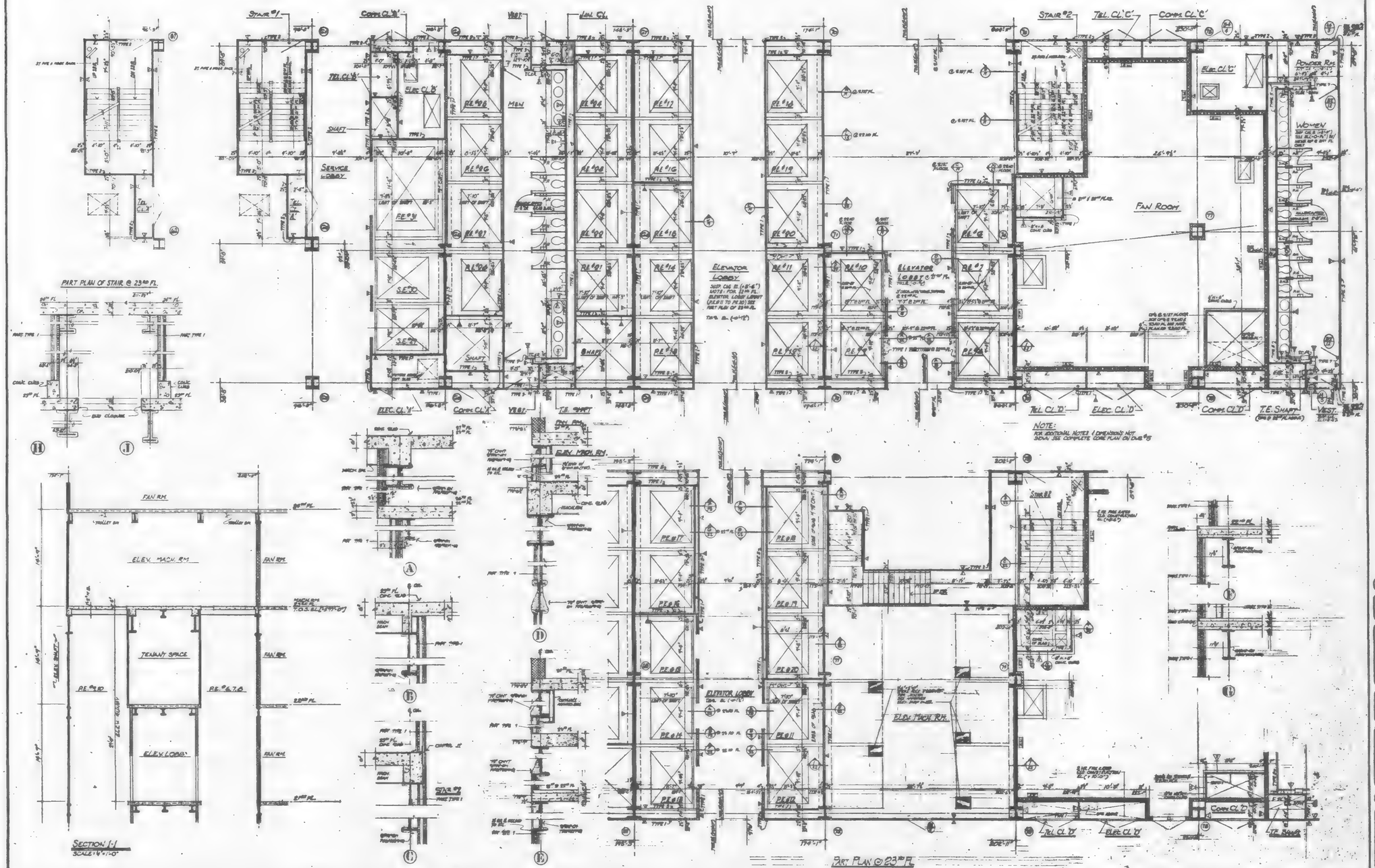
EMERY ROTH & SONS P.C.
ARCHITECTS
[illegible] NEW YORK, N.Y. [illegible]

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
[illegible] NEW YORK, N.Y. [illegible]

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: O.C.T. 20, 1966 SCALE: 1/8"-1'-0"

DWG. 21



NOTES:

1. FOR SYMBOLS AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG #7.
2. FOR DOOR AND LOUVER LAYOUT, DIAGRAMS, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG #7.
3. FOR TOILET DETAILS, SEE DWG #9.
4. FOR STAIR SECTION AND DETAILS, SEE DWG #5.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SPRING HINGES) TO BE KEPT 3" CLEAR OF PARTITION ON HINGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO NYC DATUM EL. 0'-0" (+ 100.00') BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 5.76 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS (') ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

21ST THRU 23RD FLOOR CORE PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

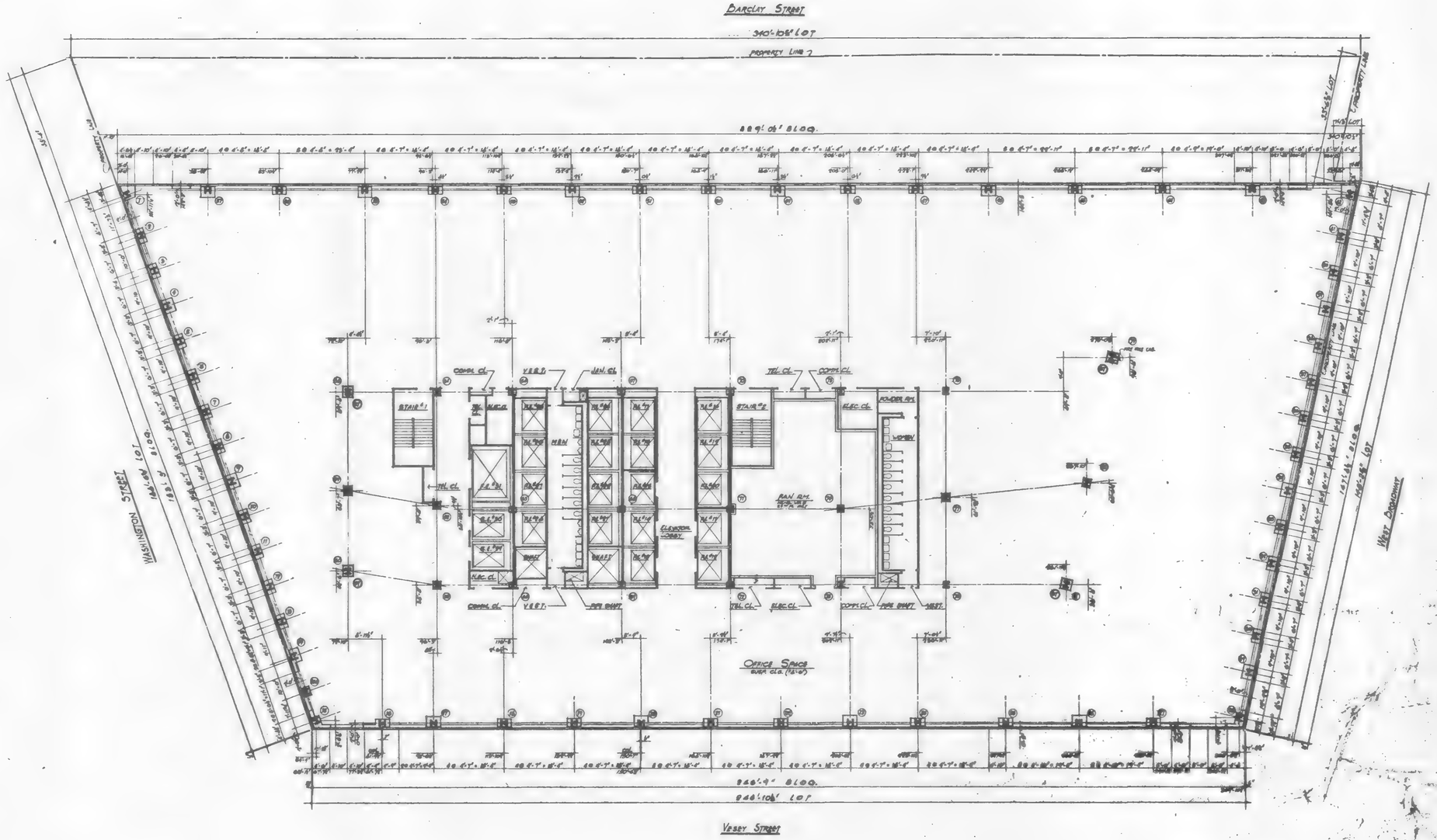
EMERY ROTH & SONS P.C.
ARCHITECTS
ONE PENN PLAZA · NEW YORK, N.Y. 10001

THE OFFICE OF
IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEERS
ONE PENN PLAZA · NEW YORK, N.Y. 10001

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 24, 1966 | SCALE: 1/8"=1'0"

DWG. 22



NOTES:

1. FOR DRAWING & FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR & FRAME LAYOUT SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #2.
3. FOR TOILET DETAILS, SEE DWG #4.
4. FOR STAIR SECTION AND DETAILS, SEE DWG #5.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN OVERHEAD HANGER) TO BE KEPT 8" CLEAR OF PARTITION ON HINGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO M.T.C. DATUM EL. 0'-0" [-300.047] BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 2.72 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

24TH THRU 28TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
LOCATED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

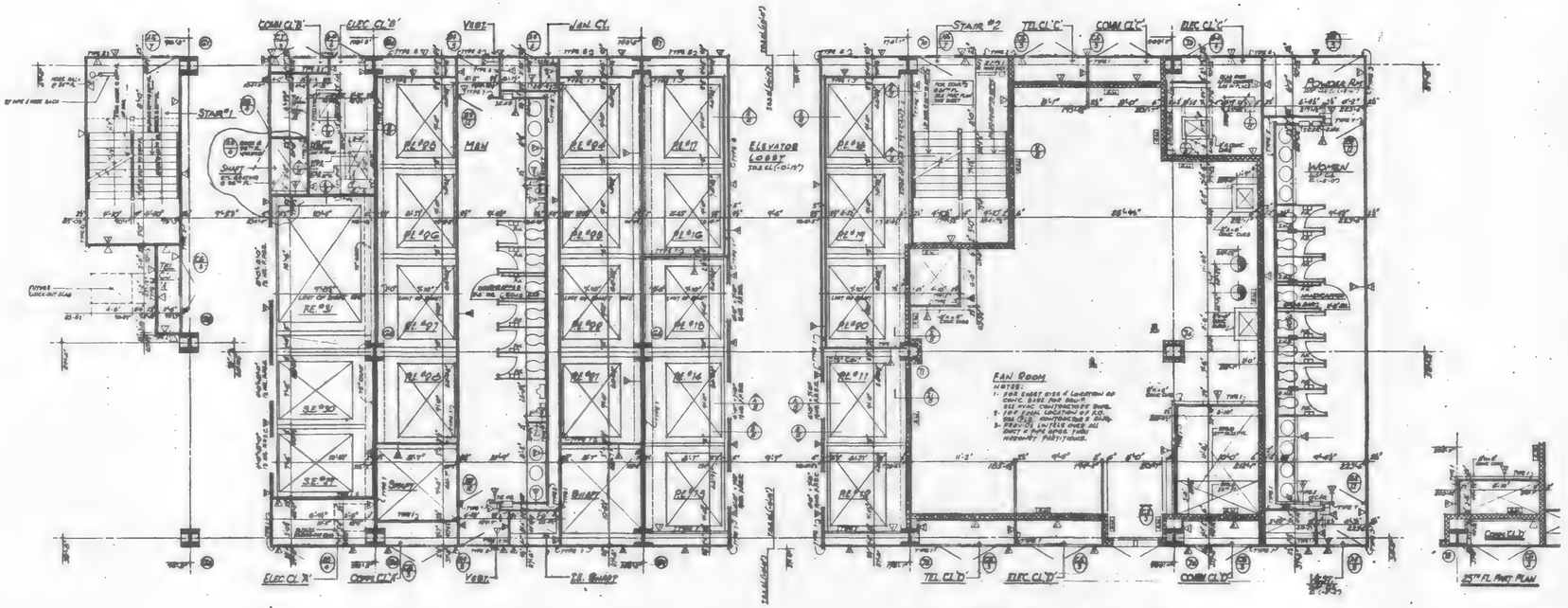
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

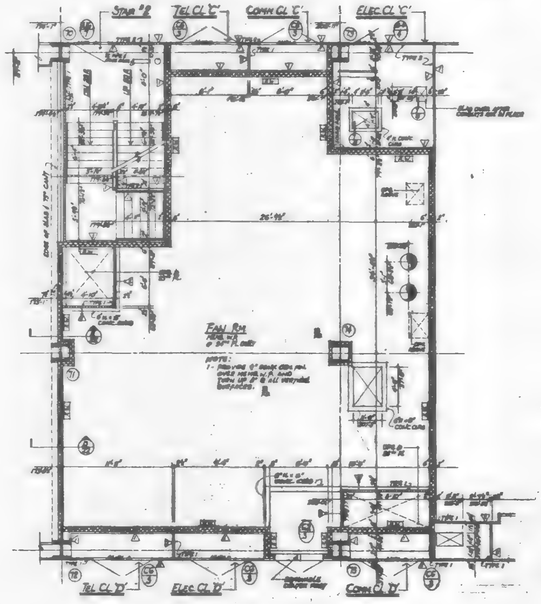
THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: OCT. 20, 1966 | SCALE: 1/8" = 1'-0"

DWG. 23





NOTES:

1. FOR DRAWING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS, AND ABBREVIATIONS, SEE DWG. G-1.
2. FOR DOOR AND LOUVER LINTEL SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG. A-2.
3. FOR TOILET DETAILS, SEE DWG. A-4.
4. FOR STAIR SECTION AND DETAILS, SEE DWG. S-5.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SWING MAGES) TO BE KEPT 3" CLEAR OF PARTITION OR MASONRY.
7. WATER RESISTORY BOARD TO BE USED AT ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO U.S.C. & G.S. DATUM EL. 0'-0" (+ 300.00') BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, BEING AT 5.78 FT. ABOVE M.S.L. DIRECT AND GRADING DATUM BEING MEAN LOW WATER, SANDY HOOK, N.J.
9. ALL ELEVATIONS SHOWN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

2-11-67	ADDED DR. V SHAFTS @ PART 'A' & 'B' PLAN AND REVISED MECHANICAL LEGEND
DATE	PRT. SET NO.

24TH TO 25TH FLOOR CODE PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

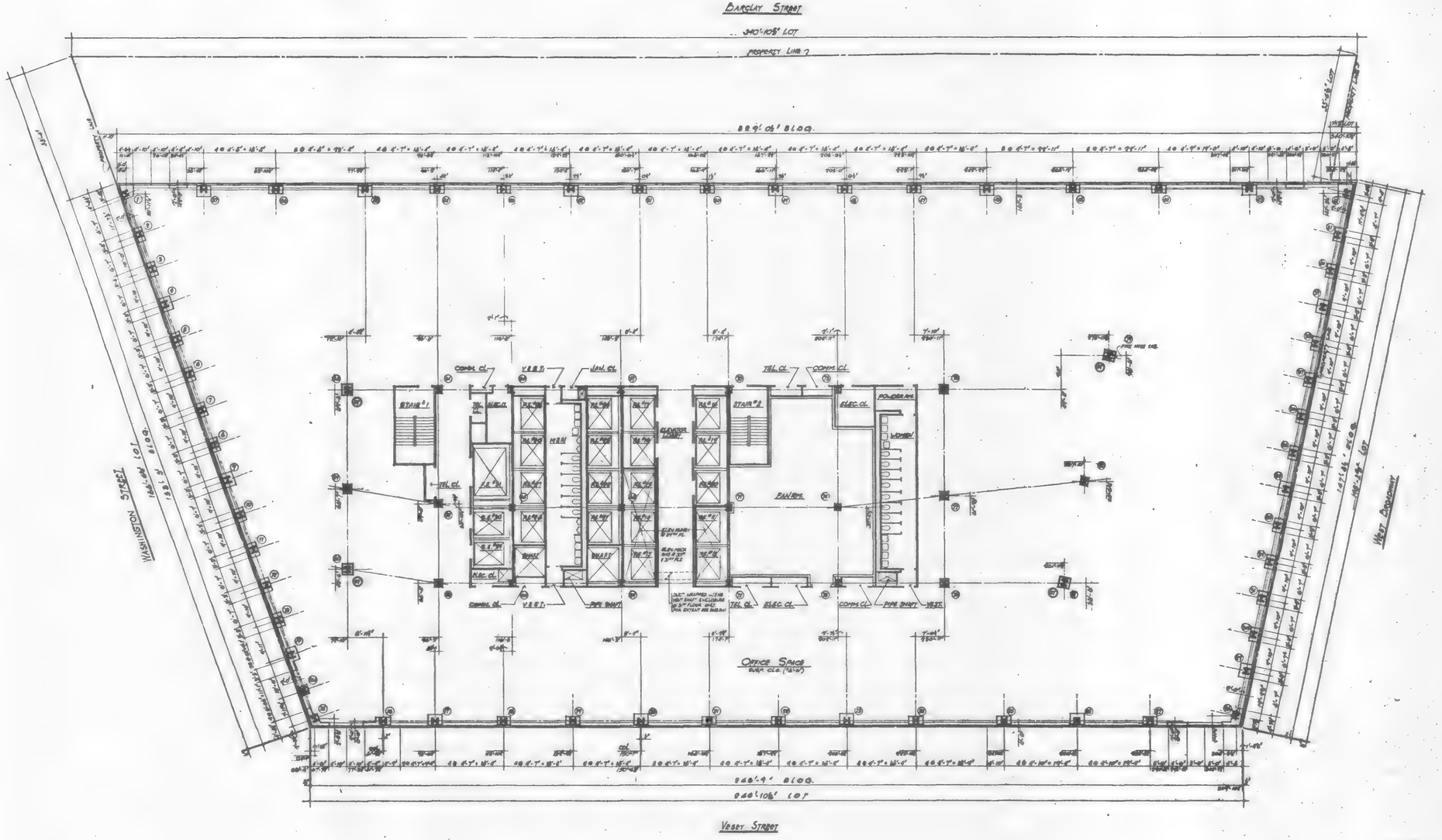
EMERY ROTH & SONS P.C.
ARCHITECTS
350 FIFTH AVENUE NEW YORK N.Y. 10001

THE OFFICE OF
IRWIN S. CANTOR P.C.
CONSULTING STRUCTURAL ENGINEERS
60 EAST 42nd STREET NEW YORK, N.Y. 10017

SYSKA & HENNESSY
ENGINEERS
11 WEST 42nd STREET NEW YORK, N.Y. 10036

DWG. NO. DIST. SEC. YEAR | SCALE 1/8"=1'-0"

DWG. NO. 24



NOTES:

1. FOR DRAWING & FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR & LOCKS, LABEL SCHEDULE, BLOCK DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS DETAILS, SEE DWG #2.
3. FOR TOILET DETAILS, SEE DWG #4.
4. FOR STAIR, SECTION AND DETAILS, SEE DWG #5.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SPRING HINGES) TO BE KEPT 3" CLEAR OF PARTITION ON HINGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL "TOILETS".
8. BUILDING ELEVATIONS ARE IN RELATION TO W.T.C. DATUM EL. 6'-0" [+3.00 CMP.] BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 2.75 FT. ABOVE U.S. COAST AND GEODETIC SURVEY: MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

29TH THRU 31ST FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

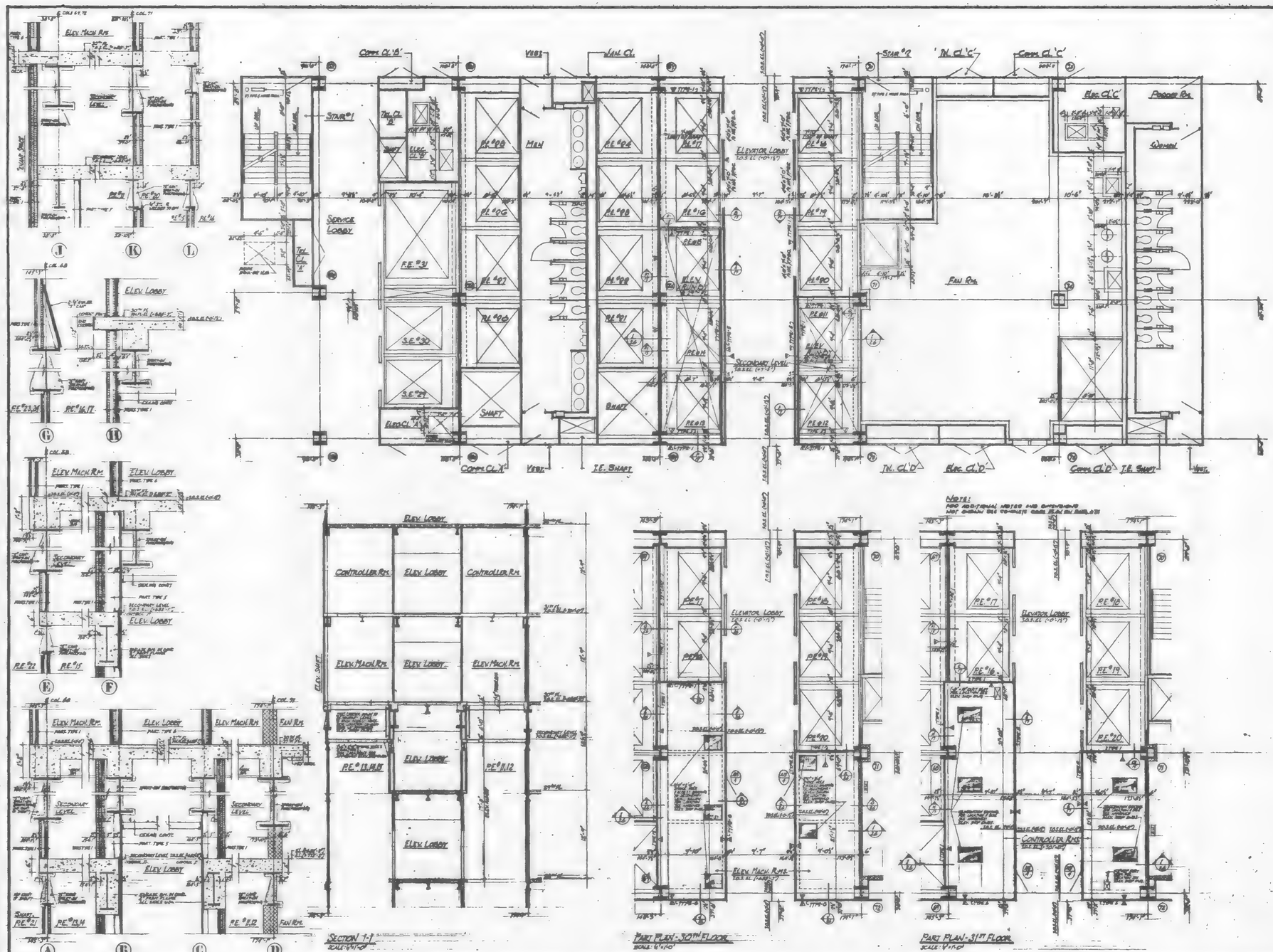
EMERY ROTH & SONS P.C.
ARCHITECTS
666 THIRD AVENUE NEW YORK, N.Y. 10017

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
540 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 EAST 42ND STREET NEW YORK, N.Y. 10017

DATE: OCT. 20, 1965 SCALE: 1/8"=1'-0"

DWG. 25



NOTES

1. THIS DRAWING AND THOSE NUMBERED 1/26001, 1/26002 TO 1/26004 INCL., KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE SHEET 1/26001.
2. FOR DOOR AND LOUVER LAYOUTS, SCHEDULES, SIGNS, DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAIL DETAILS, SEE SHEET 2.
3. FOR TOILET DETAILS, SEE DWG. 6.
4. FOR STAIR, SECTION AND DETAILS, SEE DWG. 6.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR CONCRETE WITH STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN ZERO DOORS) TO BE KEPT 6" CLEAR OF PARTITIONS ON STRIKE SIDE.
7. WATER PROOFING BOARD TO BE USED IN ALL TOILETS.
8. ANCHOR BOLTING TO BE ADJUSTED TO NOT C. WITH EL. 0'-0" (+100.00') WHICH LATTER LINE OF THE TRANSMITTING STRUCTURE OF LOCATION, WHICH IS 1.79 FT. ABOVE U.S. COAST AND GEODETIC DATUM WHICH SEE LEVEL DATUM BOOK, 194.
9. ALL ELEVATION SHOWN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

2ND TO 3RD FLOOR CORE PLAN

7
WORLD TRADE CENTER
47 STORY OFFICE BUILDING
LOCATED BY
VESEY STREET AND CHURCH STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

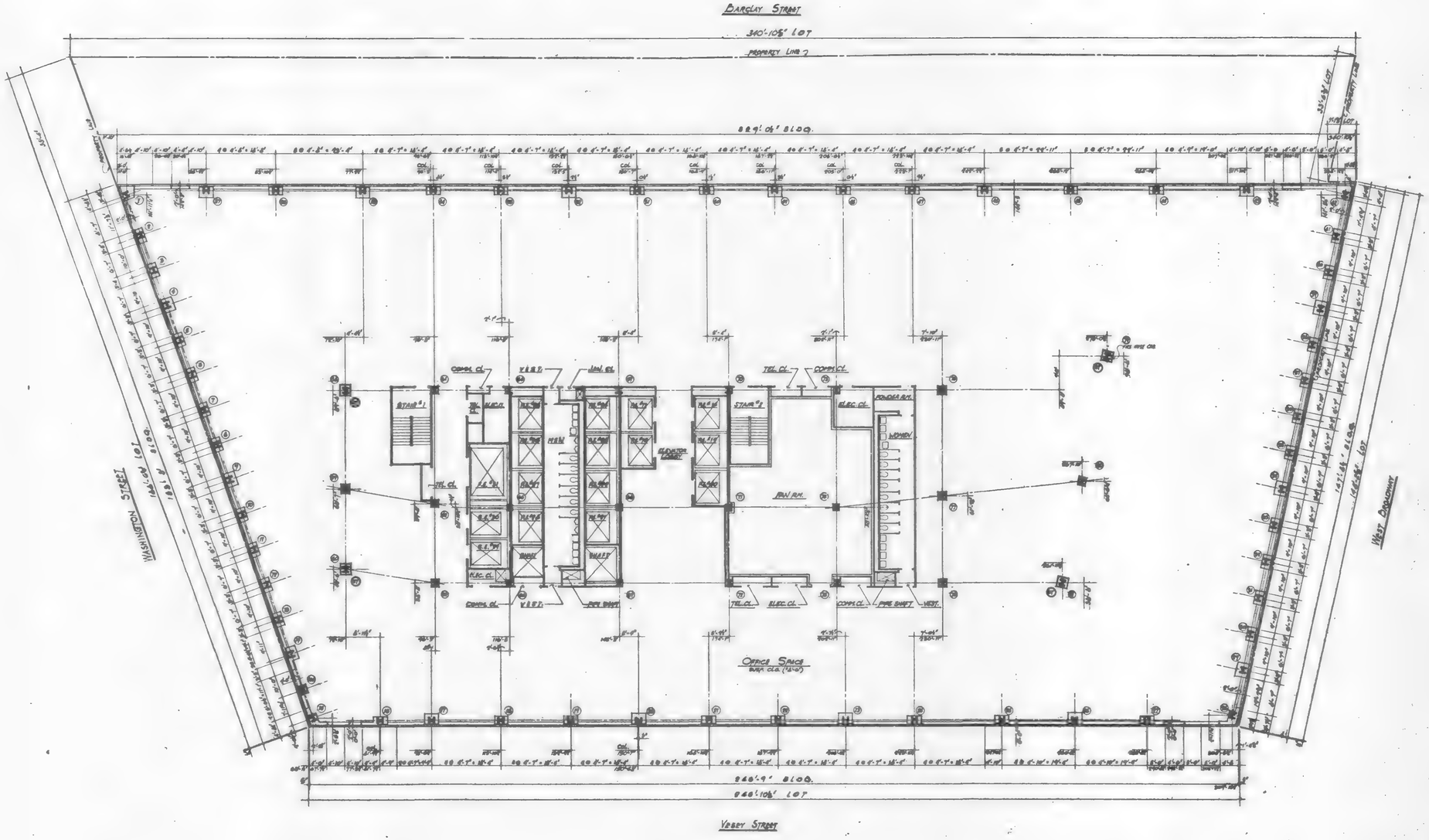
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: DEC. 28, 1966 | SCALE: 1/4"=1'-0"

DWG. 26



NOTES:

1. FOR DRAWING & FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR & LOUVRE UNIT SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #2.
3. FOR TOILET DETAILS, SEE DWG. #3.
4. FOR STAIR SECTION & DETAILS, SEE DWG. #4.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SWING DOORS) TO BE LOCATED 3" CLEAR OF PARTITION OR WALL SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO W.C. DATUM EL. 0'-0" [+100.00'], DECK DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 8.75 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS SHOWN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

32ND THRU 35TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

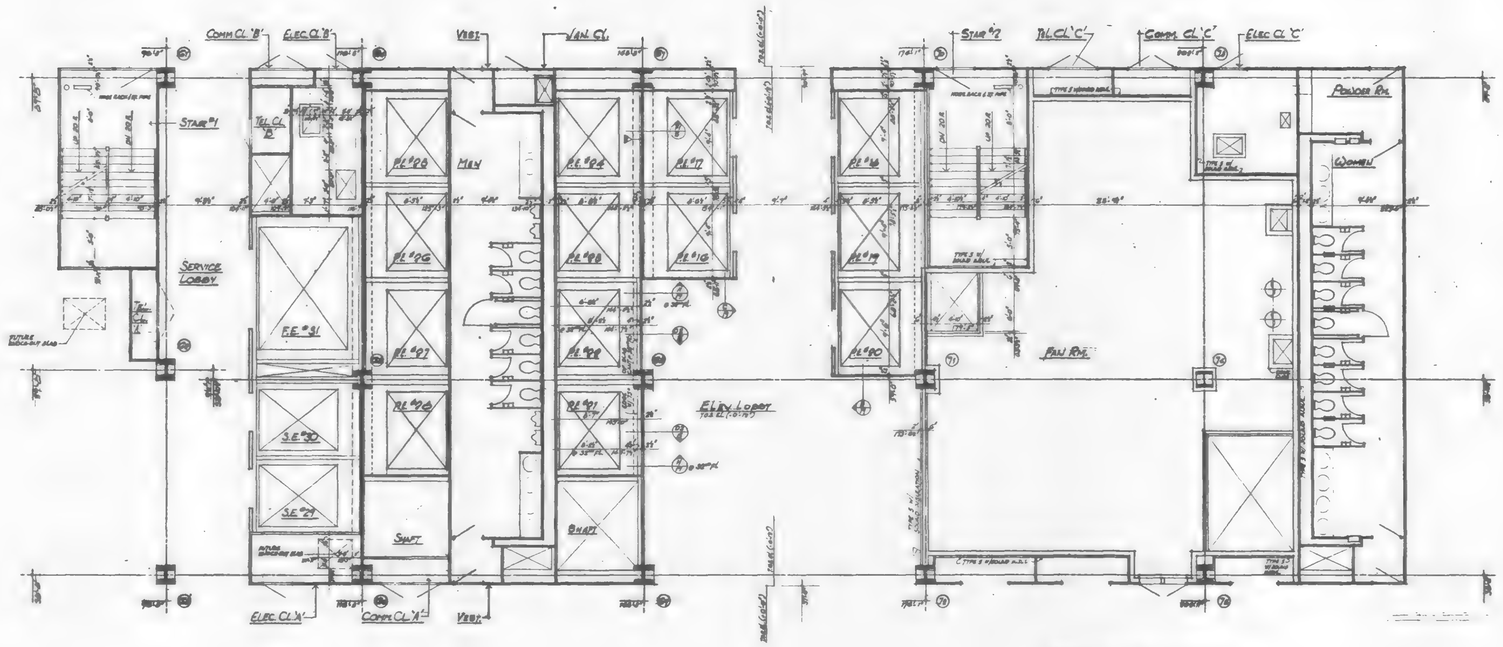
EMERY ROTH & SONS P.C.
ARCHITECTS
345 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
345 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 EAST 42ND STREET NEW YORK, N.Y. 10036

DATE: D.C.C. 80, 1980 | SCALE: 1/8" = 1'-0"

DWG. 27



NOTE:
FOR ADDITIONAL NOTES AND SYMBOLS
NOT SHOWN SEE COMPLETE CORE PLAN ON DWG. # 24

NOTES:

1. FOR FLOORING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1
2. FOR DOOR AND FRAME LISTS, SCHEDULE, SIZES, DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. # 2.
3. FOR TOILET DETAILS, SEE DWG. # 4.
4. FOR STAIR, SECTION AND DETAILS, SEE DWG. #5.
5. ALL DIMENSIONS ARE GIVEN TO FACES MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SPRING HINGES) TO BE KEPT 5" CLEAR OF PARTITIONS ON HINGE SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. TENANT ELEVATIONS, SEE N ADDITION TO W.T.C.
9. ENTRY EL. 6'-0" [+100.0YT] BELOW ENTRY SILL BY THE TOPOGRAPHICAL SURVEY ESCHBACH BY MANHATTAN, WHICH IS 2.78 FT ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
10. ALL ELEVATIONS ABOVE FINISH FLOOR UNLESS IN ADDITION TO FINISH FLOOR.

DATE	REVISIONS

32nd TO 35th FLOOR CORE PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

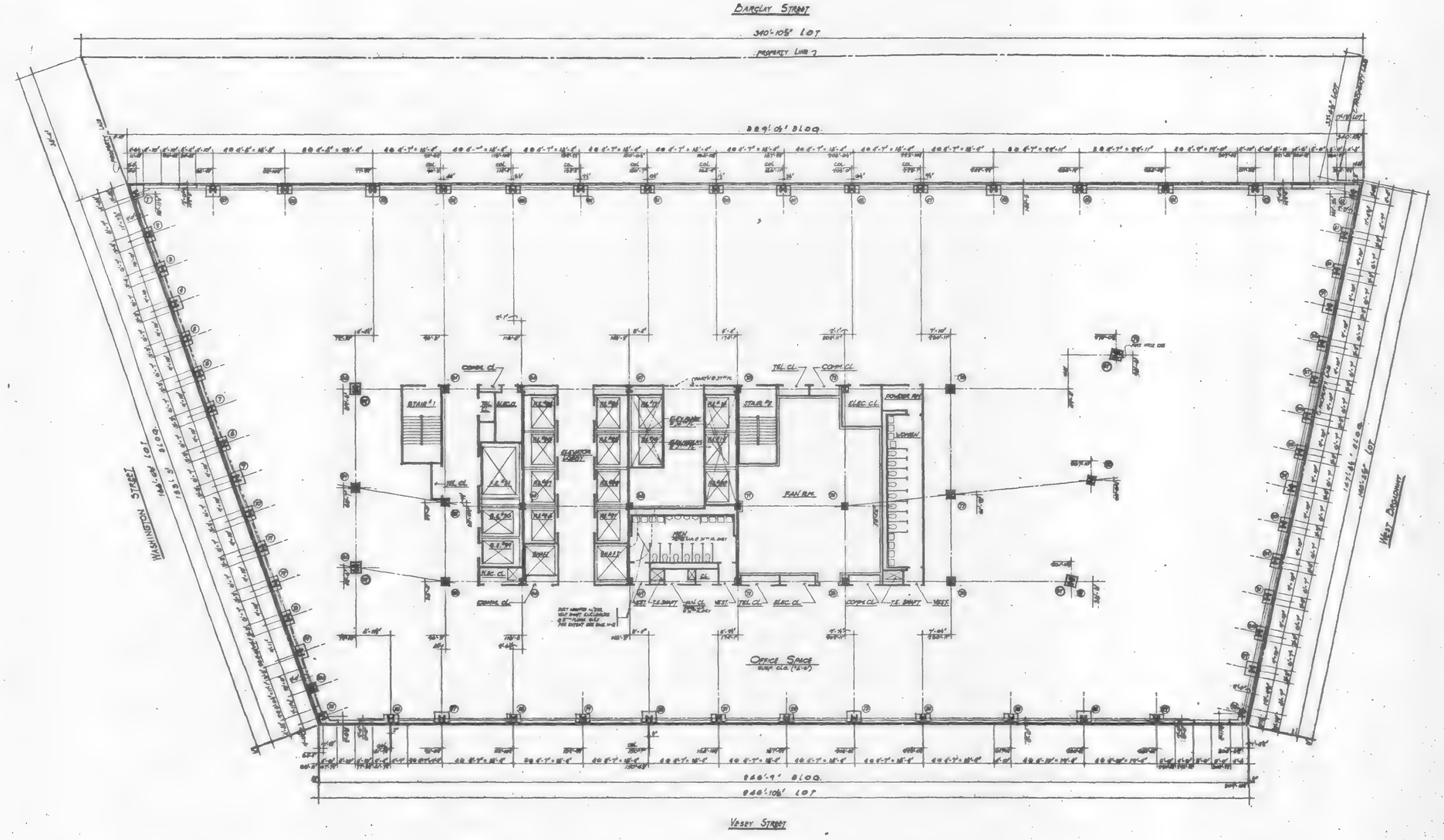
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: DEC. 30, 1968 SCALE: 1/8"=1'-0"

DWG. 28



NOTES:

A. FOR DRAWING & FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. 2.
B. FOR DOOR & FRAME UNITS, SCHEDULE, BULK DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG. 3.
C. FOR TOILET DETAILS, SEE DWG. 4.
D. FOR STAIR SECTION AND DETAILS, SEE DWG. 9C.
E. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
F. ALL DOORS WITH CLOSERS (OTHER THAN SWING DOORS) TO BE KEPT 5" CLEAR OF PARTITION OR WALL SIDE.
G. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
H. FLOOR ELEVATIONS ARE IN RELATION TO M.S.C. DATUM EL. 0'-0" (-3.500 CITY) BELOW DATUM USED BY THE BOROUGH OF MANHATTAN, WHICH IS 2.75 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
I. ALL ELEVATIONS SHOWN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

DATE | REVISIONS

36TH & 37TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK

EMERY ROTH & SONS P.C.
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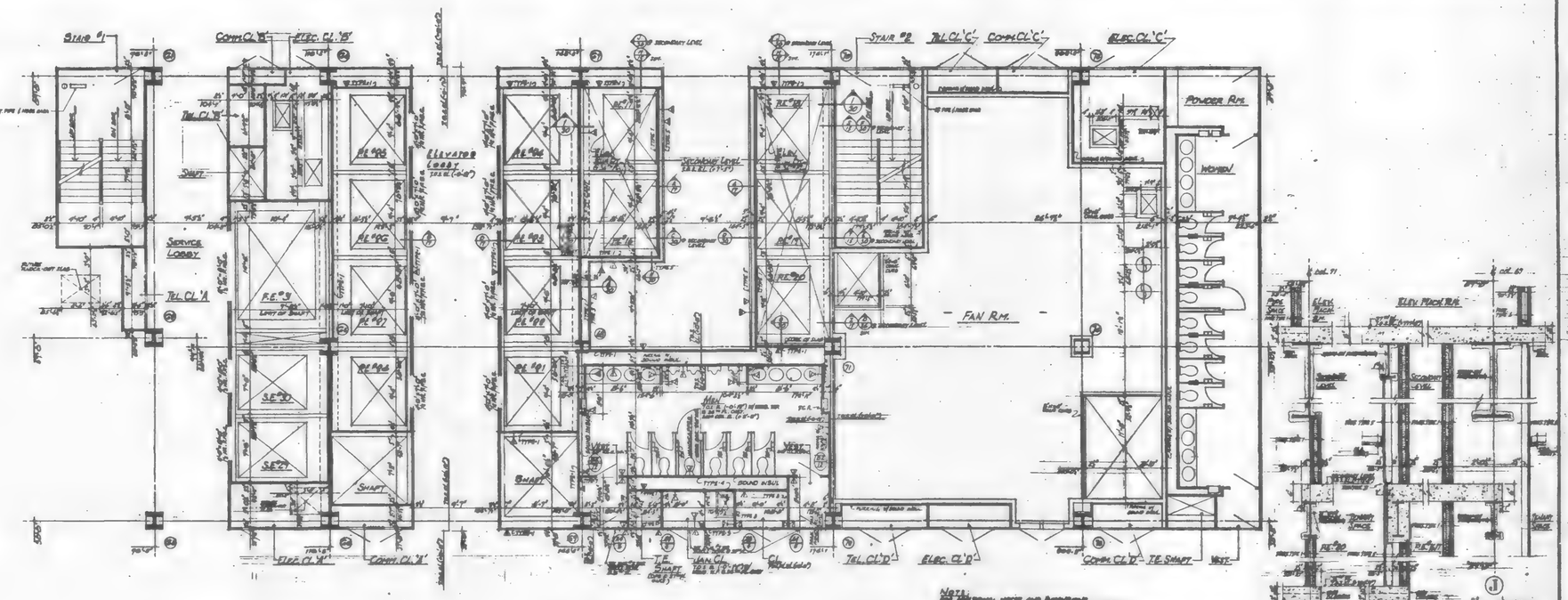
640 THIRD AVENUE NEW YORK, N.Y. 10017

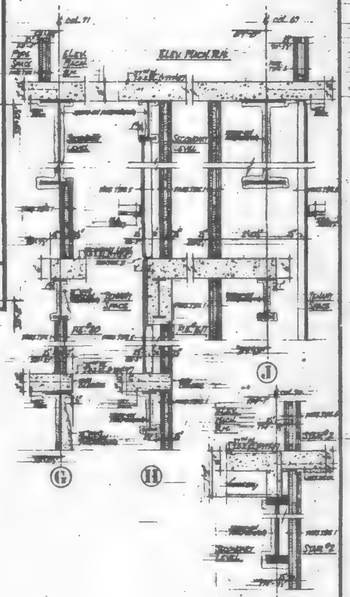
THE OFFICE OF IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10022

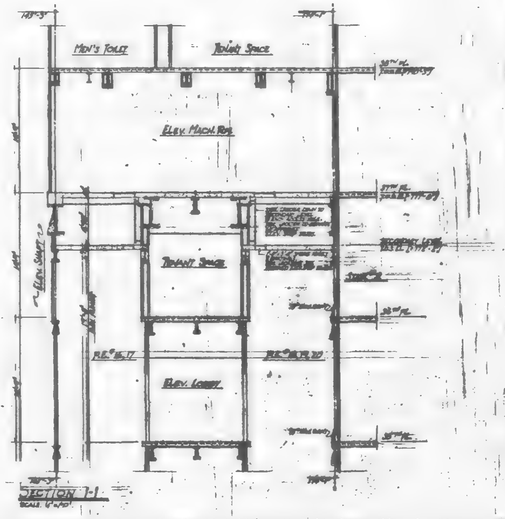
SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: REV. 2/6/73 | SCALE: 1/8" = 1'-0"

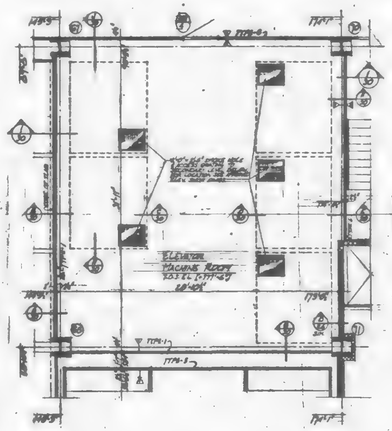
DWG. 29



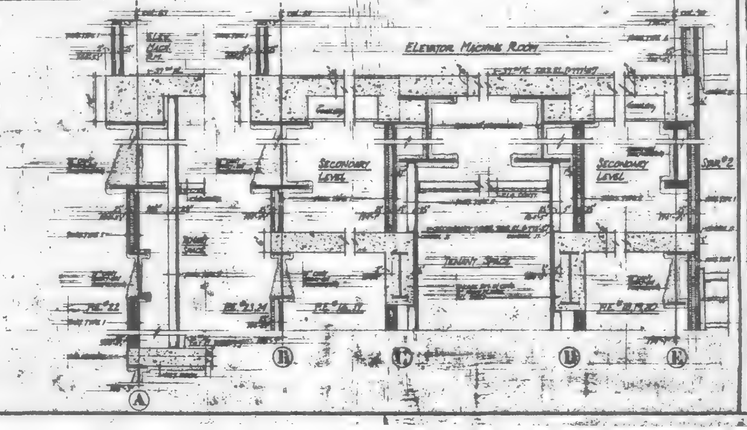




SECTION 1-1
SCALE 1/16"=1'-0"



ROOF PLAN @ 37TH FL.



NOTES:

1. FOR DRAWING AND FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. G-1.
2. FOR DOOR AND DOOR FRAME SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG. G-2.
3. FOR TOILET DETAILS, SEE DWG. A-41.
4. FOR STAIR SECTION AND DETAILS, SEE DWG. S-6.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL SHAFTS WITH GARAGES (OTHER THAN STAIRS SHAFTS) TO BE EXPT. 2" CLEAR OF PARTITION ON INSIDE FACE.
7. WATER ACCESSORY GRADE TO BE GRADE IN ALL TOILETS.
8. BUILDING BENCHMARK USED IN RELATION TO ACCE. DATUM IS: 0'-0" (+ 300.097) BELOW DATUM USED BY THE TOPOGRAPHICAL SURVEY BOROUGH OF MANHATTAN, BENCH M 3.78 FT. ABOVE M.H. STREET MAN HOLE AT THE SOUTHEAST SIDE OF WEST STREET, OPPOSITE PIER 25.
9. ALL DIMENSIONS ABOVE GRADE (+) SHALL BE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

3 0TH TO 37TH FLOOR CORE PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK, NEW YORK

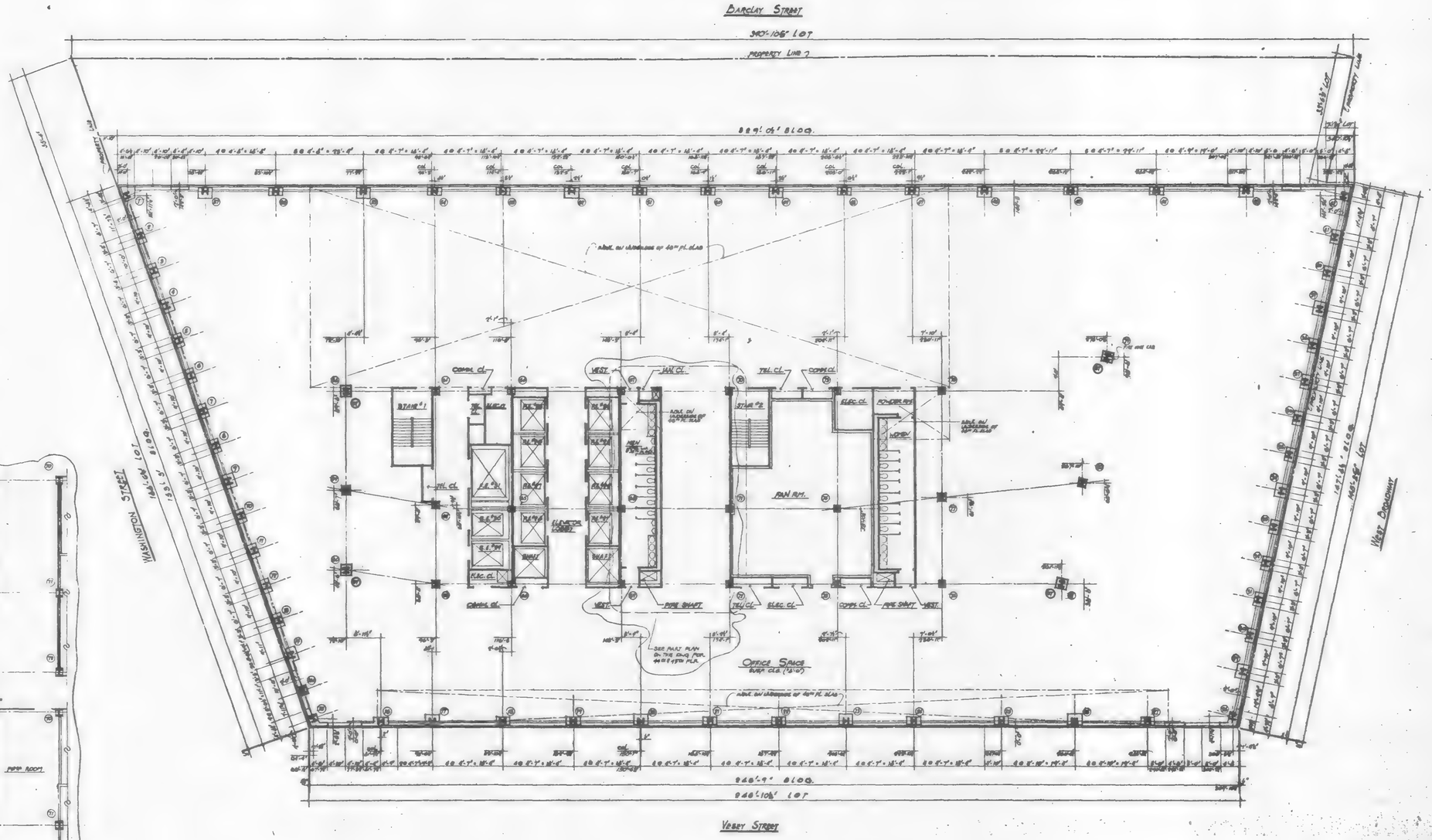
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

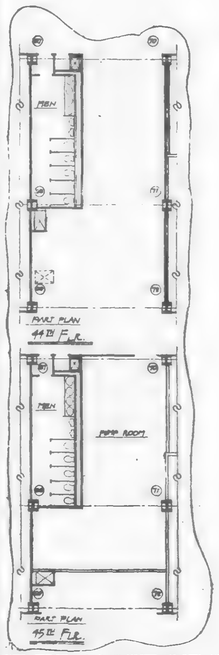
THE OFFICE OF IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 HUNTER ISLAND STREET NEW YORK, N.Y. 10004

MASTER SPEC. SECTION	SCALE: 1/16" = 1'-0"

DWG. 30





NOTES:

1. FOR DRAWING & PLAN SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG #1.
2. FOR DOOR & FRAME LAYOUT SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #3.
3. FOR TOILET DETAILS, SEE DWG #4.
4. FOR STAIR SECTION AND DETAILS, SEE DWG #5.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS EITHER THAN SPRING HINGES TO BE KEPT 3" CLEAR OF PARTITION OR FRAME FACE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO N.Y.C. DATUM EL. 0'-0" (+3.000 FT.) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 8.75 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, STATEN ISLAND, N.Y.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS
1-24-97	REVISED AS SHOWN ADDED PART PLANS OF 44TH AND 45TH FLOORS

35TH THRU 45TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

OWNED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

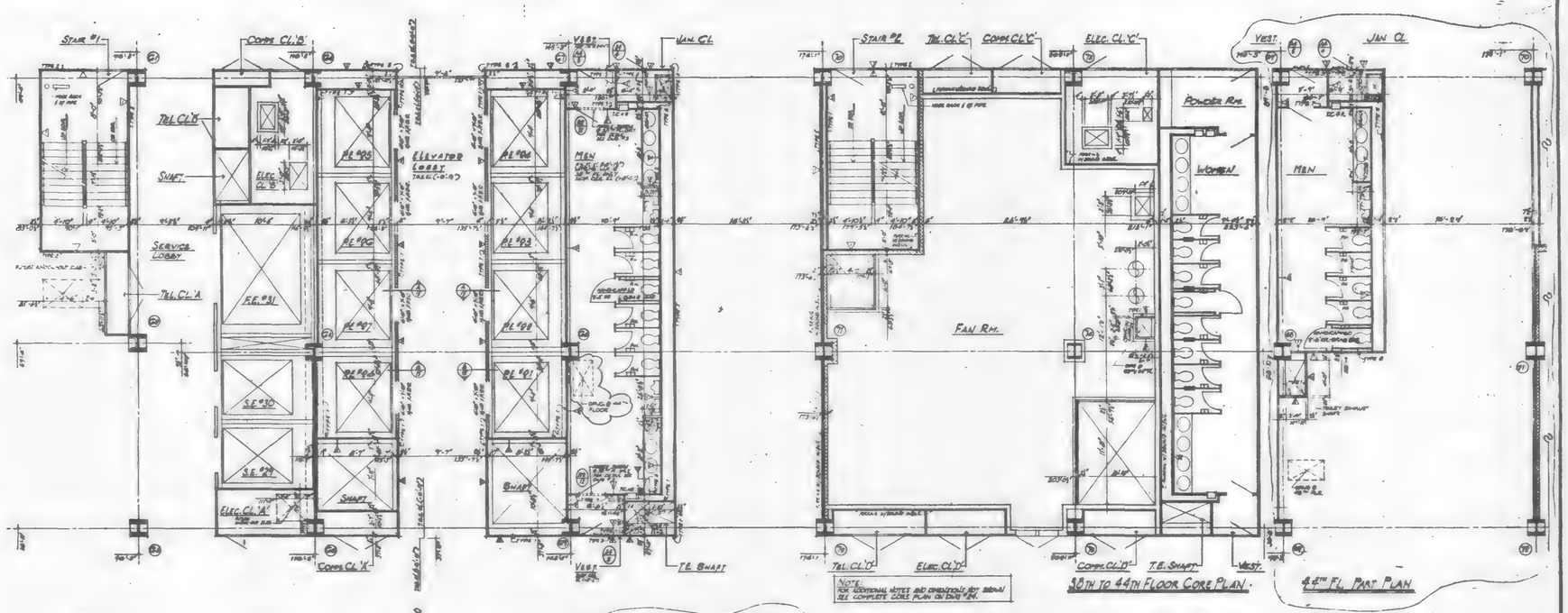
EMERY ROTH & SONS P.C.
ARCHITECTS
340 THIRD AVENUE NEW YORK, N.Y. 10022

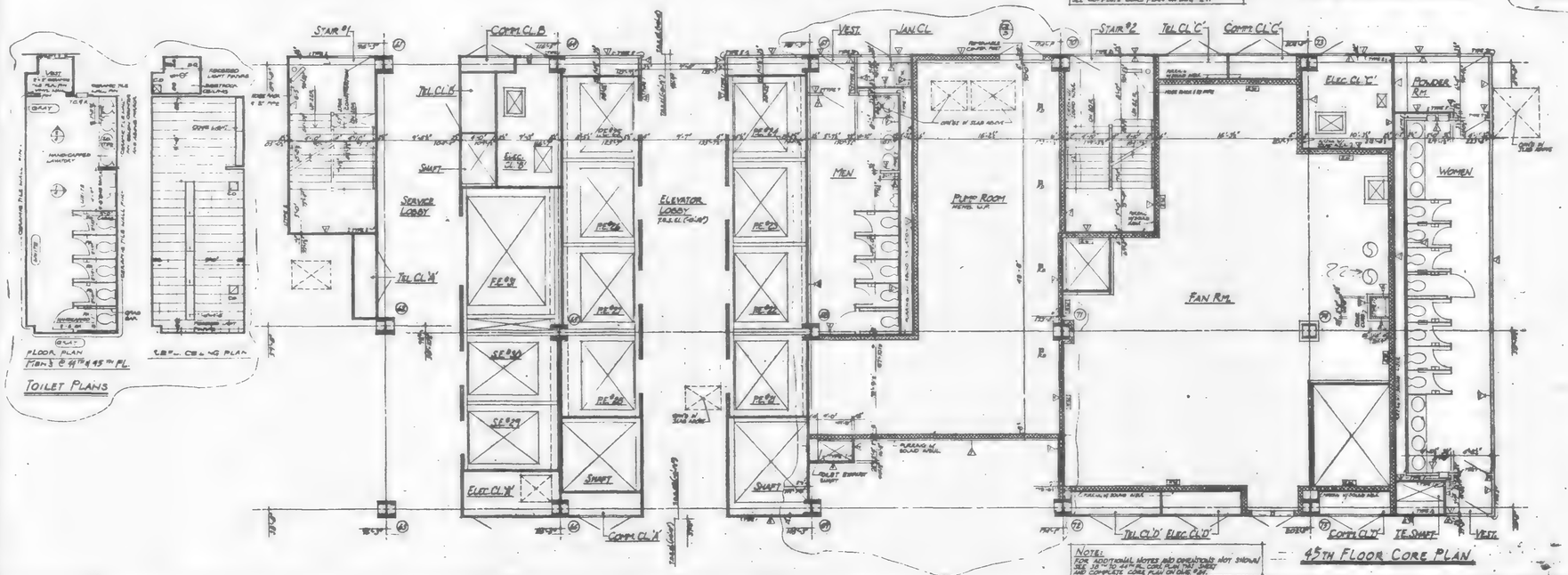
THE OFFICE OF
IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEERS
220 THIRD AVENUE NEW YORK, N.Y. 10003

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: DEC. '96 SCALE: 1/8" = 1'-0"

DWG. 31





Notes:

1. FOR DRAWING & FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR & LOUVER LAYOUT SCHEDULE, ELEVATIONS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #3.
3. FOR TOILET DETAILS, SEE DWG. #4 & #5.
4. FOR STAIR SECTION AND DETAILS, SEE DWG. #7.
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS (OTHER THAN SWING HANDLES) TO BE KEPT 5" CLEAR OF PARTITION OR HARD SIDE.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO W.T.C. DATUM EL. 0'-0" (+9.000 CITY) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 2.75 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

8-24-67 : REVISED AS CALLED
RE-SIZED PLAN AND HEAD TOILET AT 45TH FLOOR
ADDED #7 TEL. PART PLAN
RE-SIZED "SHAFT" ADDED TOILET PLANS FOR 44TH AND 45TH FLOORS
RE-SIZED "TOILET" ENLARGED SHAFT

38TH TO 45TH FLOOR CORE PLANS

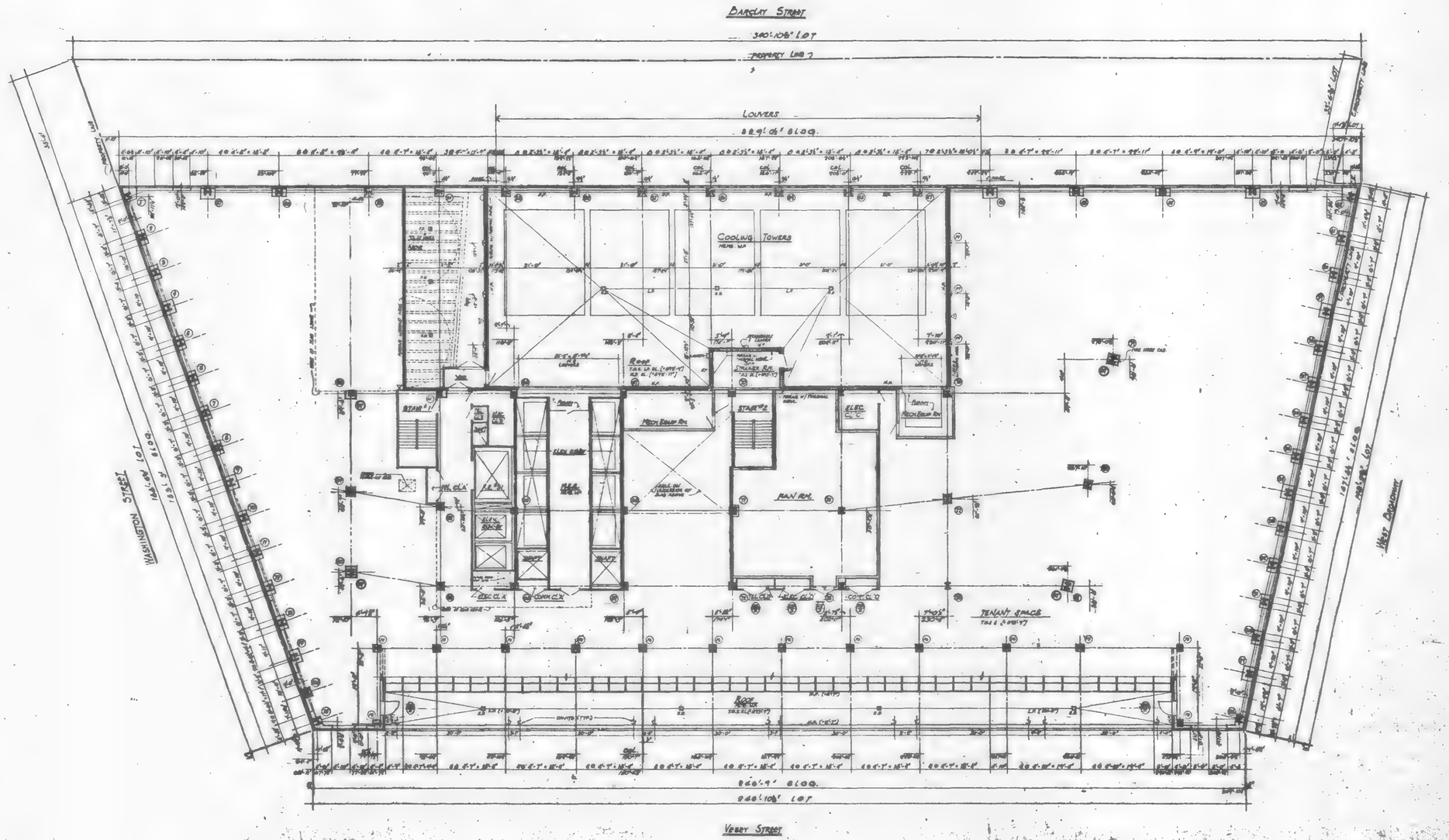
7 WORLD TRADE CENTER
49 STORY OFFICE BUILDING

EMERY ROTH & SONS, P.C.
ARCHITECTS

SYSKA & HENNESSY
ENGINEERS

DATE: DEC. 20, 1966 SCALE: 1/8"=1'-0"

DWG. 32



NOTES:

1. FOR DRAWING & PAINT SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. [illegible].
2. FOR DOOR & FRAME LABEL SCHEDULE, BLOCK DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG. [illegible].
3. FOR TOILET DETAILS, SEE DWG. [illegible].
4. FOR STAIR SECTIONS AND DETAILS, SEE DWG. [illegible].
5. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS EITHER "PAN" OR "RAM HANDLE" TO BE LEFT 3" CLEAR OF PARTITION ON HANDLE SIDE.
7. WATER RESISTANT BOARD TO BE USED AT ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO NYC DATUM EL. 0'-0" (1,550.075') BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN WHICH IS 2.35 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN THUS (') ARE IN RELATION TO FINISH FLOOR.

DATE	REVISIONS

46TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

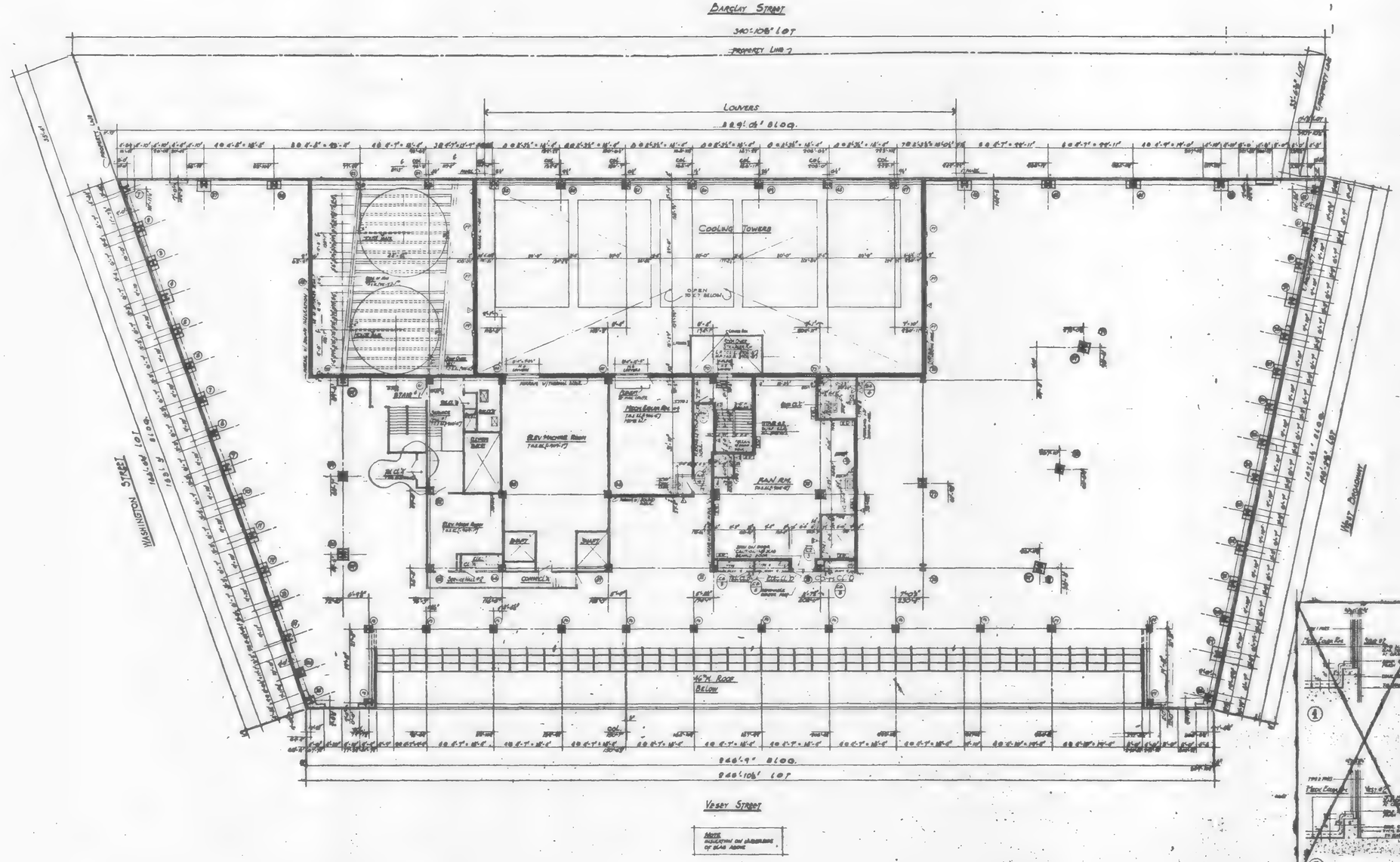
EMERY ROTH & SONS P.C.
ARCHITECTS
[illegible] NEW YORK, N.Y. [illegible]

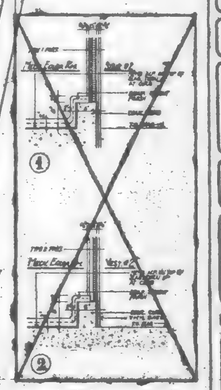
THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
[illegible] NEW YORK, N.Y. [illegible]

SYSKA & HENNESSY
ENGINEERS
[illegible] NEW YORK, N.Y. [illegible]

DATE, OCT. [illegible], 1968 | SCALE: 1/8" = 1'-0"

DWG. 55





NOTES

1. FOR GRADING & PAVING SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. [illegible];
2. FOR DOOR & FRAME LABEL SCHEDULE, BLOCK DETAILS, PARTITION TYPES AND MISCELLANEOUS OVERALL DETAILS, SEE DWG. [illegible].
3. FOR TOILET DETAILS, SEE DWG. [illegible].
4. FOR STAIR SECTIONS AND DETAILS, SEE DWG. [illegible].
5. ALL DIMENSIONS ARE GIVEN TO FACES FINISHED OR NEAT STUD PARTITION UNLESS OTHERWISE NOTED.
6. ALL DOORS WITH CLOSERS EITHER THIN STEEL WALLS TO BE KEPT 3" CLEAR OF PARTITION OR THICK ENOUGH.
7. WATER RESISTANT BOARD TO BE USED IN ALL TOILETS.
8. BUILDING ELEVATIONS ARE IN RELATION TO WTC DATUM 11.04' (+10.04 NYD) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 4.75 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
9. ALL ELEVATIONS GIVEN ABOVE 0" ARE IN FEET AND INCHES TO FINISH FLOOR.

4-7-71	REVISED DOOR LOCATION AT SEC. CL. 'L'
DATE	REVISIONS

47TH FLOOR PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK

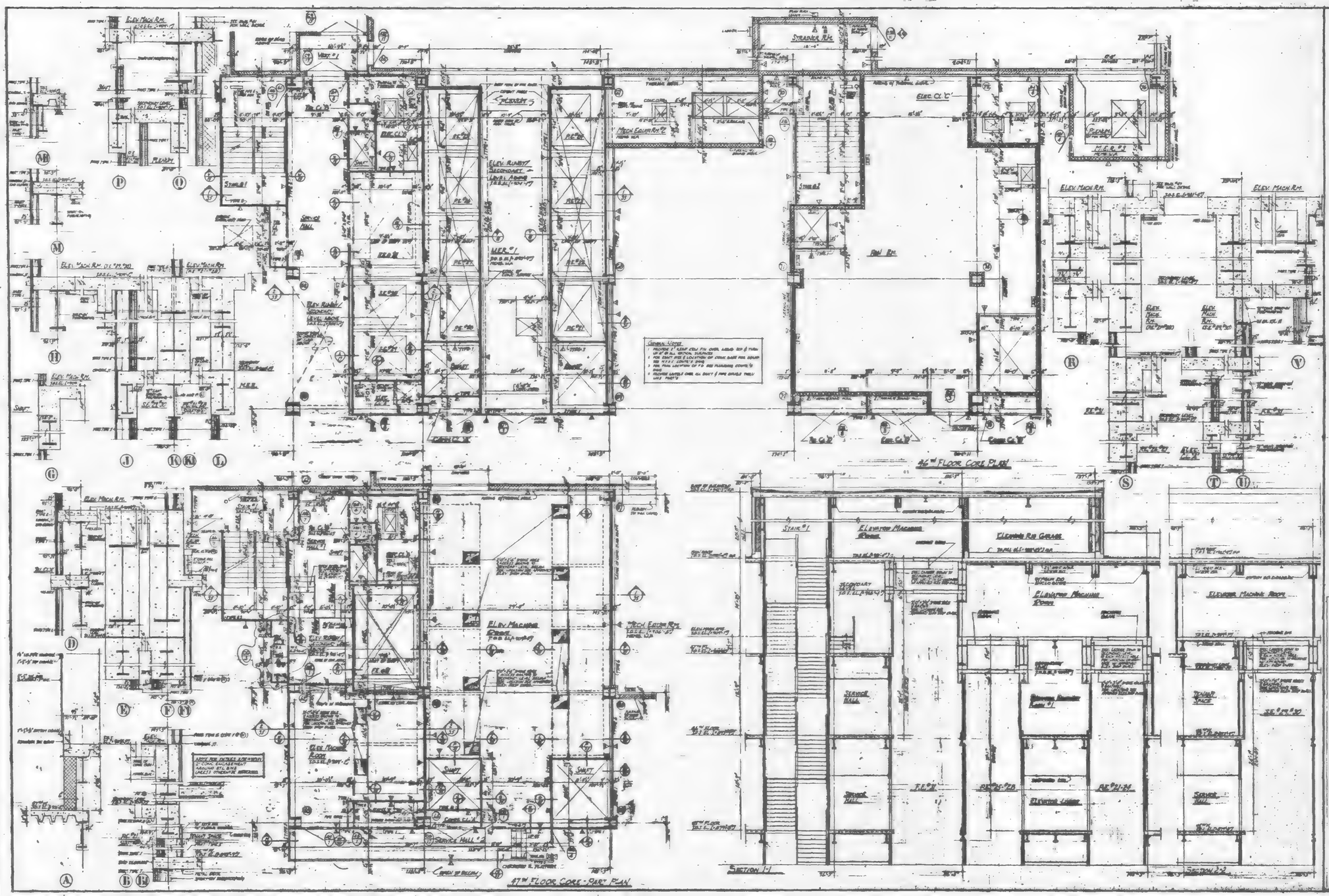
EMERY ROTH & SONS P.C.
ARCHITECTS
[illegible] THIRD AVENUE NEW YORK, N.Y. 10022

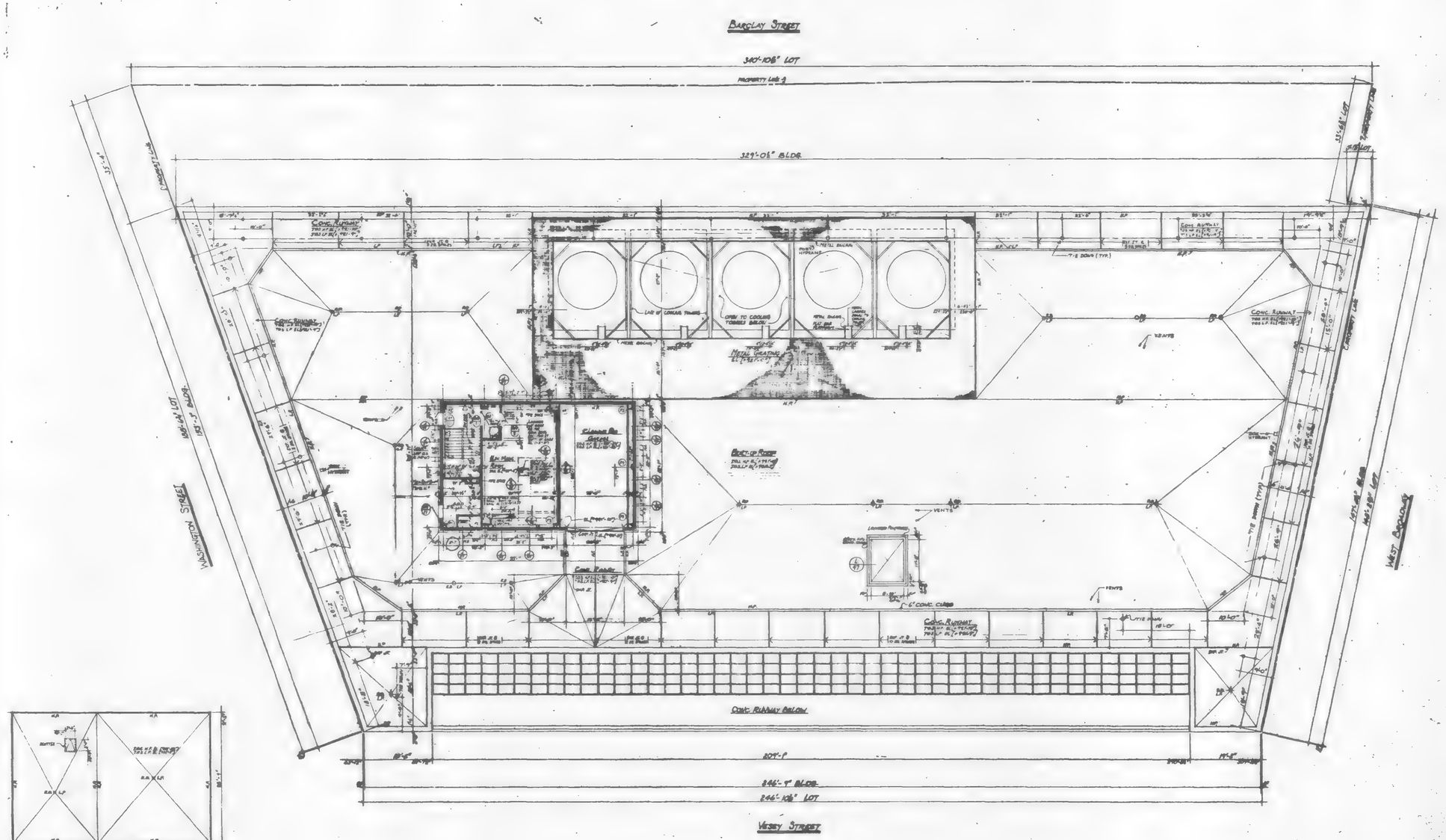
THE OFFICE OF IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEERS
[illegible] THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
[illegible] PARK AVENUE SOUTH NEW YORK, N.Y. 10003

DATE OCT. 30, 1968 SCALE 1" = 1'-0"

DWG. 34


46TH FLOOR CORE PLAN
47TH FLOOR CORE - PART PLAN
SECTION 1-1
SECTION 2-2
STAIR #1
STAIR #2
ELEVATOR MACHINE ROOM
ELEVATOR MACHINE ROOMS
ELEVATOR MACHINE ROOF
ELEVATOR RAIL GARAGE
SERVICE HALL
TRAINT SPACE
ELEV. MACH. RM.
MECH. EQUIP. RM.
GENERAL NOTES
NOTES:
1. FOR DRAWING & FINISH SCHEDULE, LEGENDS, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG #1.
2. FOR DOOR & LOUVER LAYOUT, SCHEDULE, DOOR DETAILS, PARTITION TYPES AND MISCELLANEOUS DETAILS, SEE DWG #2.
3. FOR STAIR SECTION AND DETAILS, SEE DWG #3.
4. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (OTHER THAN DOWNS HANGER) TO BE KEPT 3" CLEAR OF PARTITION ON HINGE SIDE.
6. BUILDING ELEVATIONS ARE IN RELATION TO MEAN SEA LEVEL (M.S.L.) BELOW DATUM LISTED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 2.75 FT. ABOVE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
7. ALL ELEVATIONS SHOWN (THUS) ARE IN RELATION TO FINISH FLOOR.
8. FOR ADDITIONAL NOTES AND INFORMATION SEE DWG #18.
46TH & 47TH FLOOR CORE PLANS
7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
EMERY ROTH & SONS P.C.
ARCHITECTS
IRWIN G. CANTOR P.E.
SYSKA & HENNEBERY
DWG. 35



BUILDING ROOF PLAN

NOTES:

1. FOR DRAWING & FINISH SCHEDULE, LEGEND, KEY TO MATERIALS, SYMBOLS AND ABBREVIATIONS, SEE DWG. #1.
2. FOR DOOR & LOUVER LABEL SCHEDULE, BLDG. DETAILS, PARTITION TYPES AND MISCELLANEOUS DRYWALL DETAILS, SEE DWG. #2.
3. FOR STAIR SECTION AND DETAILS, SEE DWG. #5.
4. ALL DIMENSIONS ARE GIVEN TO ROUGH MASONRY OR METAL STUD PARTITION UNLESS OTHERWISE NOTED.
5. ALL DOORS WITH CLOSERS (OTHER THAN STREAM HANDLE) TO BE KEPT 3" CLEAR OF PARTITION, ON HINGE SIDE.
6. BUILDING ELEVATIONS ARE IN RELATION TO NYC DATUM EL 0'-0" (1.000.0FT) BELOW DATUM USED BY THE TOPOGRAPHICAL BUREAU BOROUGH OF MANHATTAN, WHICH IS 2.75 FT. ABOVE M.L.L.W. COAST AND GEODETIC SURVEY MEAN SEA LEVEL, SANDY HOOK, N.J.
7. ALL ELEVATIONS WHEN THUS ( ) ARE IN RELATION TO FINISH FLOOR.

MAIN ROOF PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
NEW YORK, N.Y.

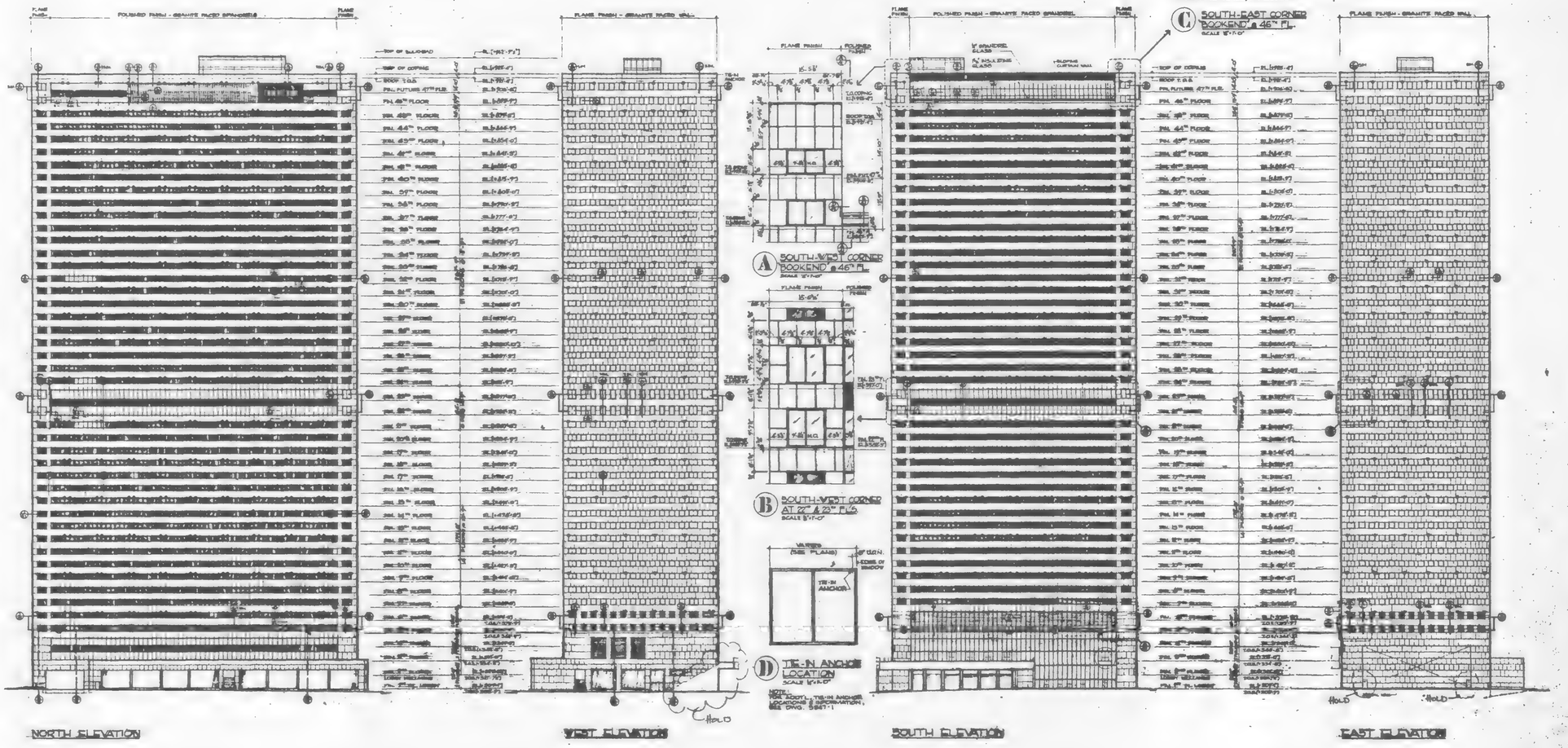
EMERY ROTH & SONS P.C.
ARCHITECTS

THE OFFICE OF
IRWIN G. CANTOR P.E.
STRUCTURAL CONSULTANTS
NEW YORK, N.Y.

SYSKA & HENNESSY
ENGINEERS
NEW YORK, N.Y.

CASE-HOBOKEN RAILROAD TERMINAL — SCALE 1/8"=1'-0"

DWG. 36



GENERAL NOTES:

SYMBOLS TO GLASS TYPES

- SPANDREL GLASS
- 1" INSULATING VISION GLASS UNIT
- 1" INSULATING VISION UNIT
- 1" INSULATING VISION UNIT

FOR LARGE SCALE BASE ELEVATIONS BELOW 5TH FLOOR LAG - SEE DWG. #7.5OL

FOR WASHINGTON STREET STAIR AND ESCALATOR, SEE DWG. #7.6OL & #7.6OR.

FOR PLAZA DETAILS SEE DWG. #7.2

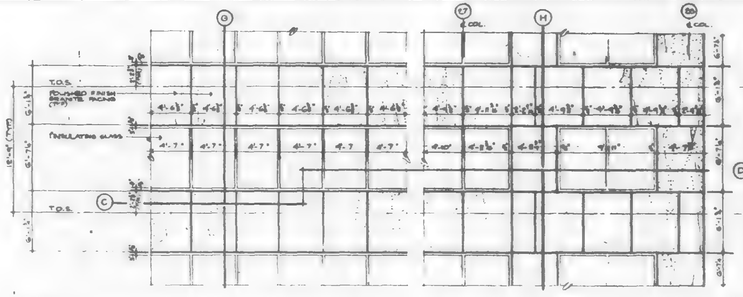
FOR BULKHEAD DETAILS SEE DWG. #7.1

HOLD

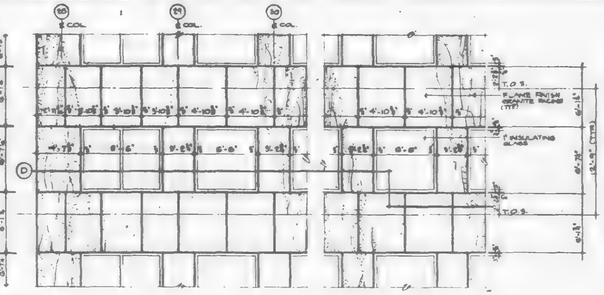
ELEVATIONS

7 WORLD TRADE CENTER
A 47 STORY OFFICE BUILDING

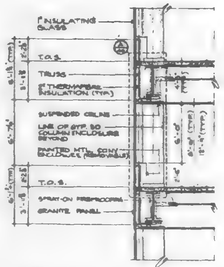
SHEET NO. 37



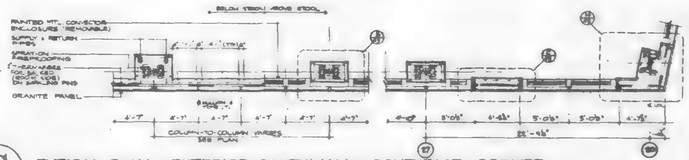
A TYPICAL SOUTHWALL & SOUTHEAST CORNER ELEVATION
(SOUTHWEST CORNER S.M. OPP HAND)
SCALE: 1/4"=1'-0"



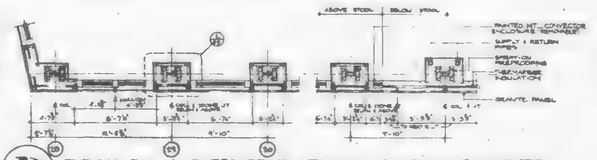
B TYPICAL EASTWALL & SOUTHEAST CORNER ELEVATION
WESTWALL & SOUTHWEST CORNER SIM OPP HAND
SCALE: 1/4"=1'-0"



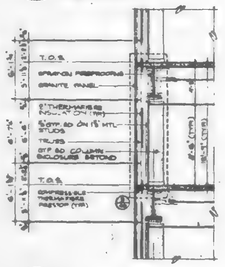
G TYPICAL EXTERIOR WALL SECTION
SCALE: 1"=1'-0"



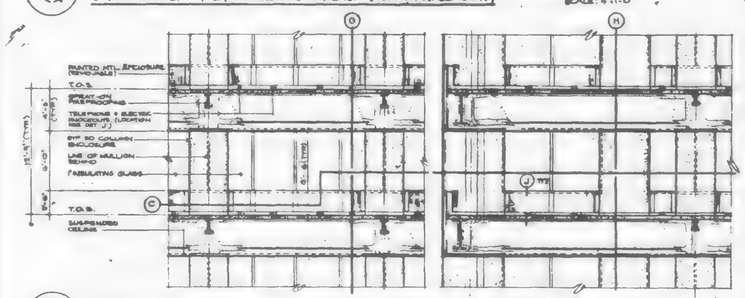
C TYPICAL PLAN • EXTERIOR SOUTHWALL & SOUTHEAST CORNER
@ 7TH THRU 21ST & 24TH THRU 46TH FLRS. (NORTH WALL SIM.)
SCALE: 1/4"=1'-0"



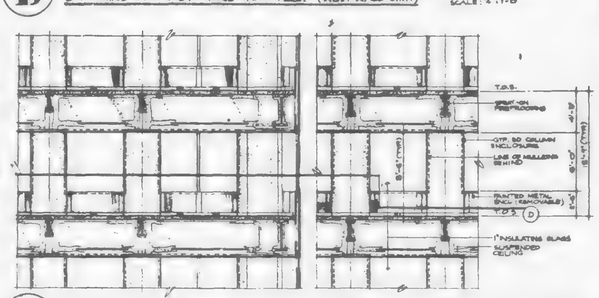
D TYPICAL PLAN • EXTERIOR EASTWALL & SOUTHEAST CORNER
@ 7TH THRU 21ST & 24TH THRU 46TH FLRS. (WEST WALL SIM.)
SCALE: 1/4"=1'-0"



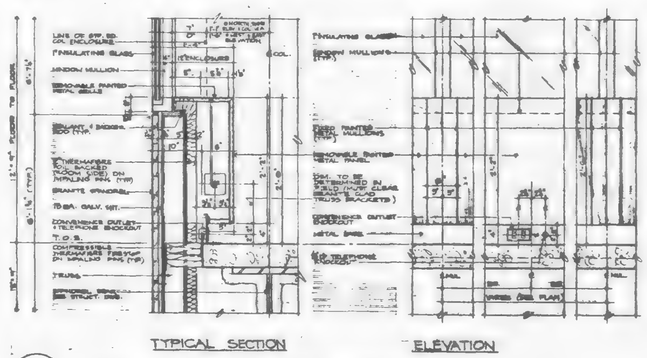
H EXTERIOR WALL SECTION @ PILASTERS
SCALE: 1"=1'-0"



E TYPICAL SOUTHWALL & SOUTHEAST CORNER INTERIOR ELEVATION
(NORTH WALL SIMILAR)
SCALE: 1/4"=1'-0"



F TYPICAL EASTWALL & SOUTH-EAST CORNER INTERIOR ELEVATION
(WESTWALL SIMILAR)
SCALE: 1/4"=1'-0"



TYPICAL SECTION ELEVATION

J CONVECTOR ENCLOSURE DETAILS
SCALE: 1½"=1'-0"

SYMBOLS
FLAME FINISH GRANITE FACING
POLISHED FINISH GRANITE FACING

GENERAL NOTE:
PROVIDE SEPARATION OF DISSIMILAR METALS

CURTAIN WALL #1

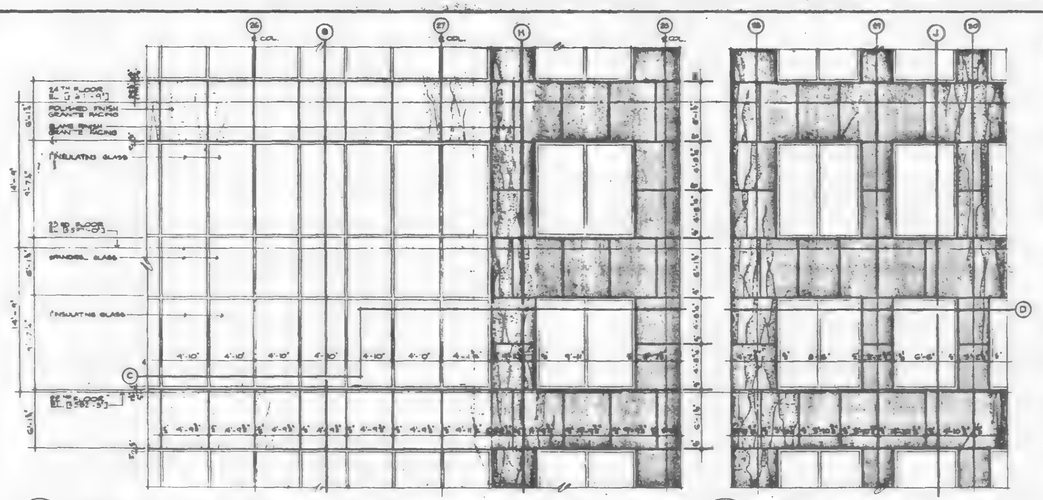
7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

DRAWING BY
YUDELL, SILVERSTEIN AND BARCLAY, 6 EAST 43RD STREET AND 1123 BROADWAY NEW YORK, NEW YORK

EMERY ROTH & SONS P.C.
ARCHITECTS
THE OFFICE OF
IRWIN G. CANTOR, P.E.
STRUCTURAL ENGINEERING
SYSKA & HENNESSY
ENGINEERS

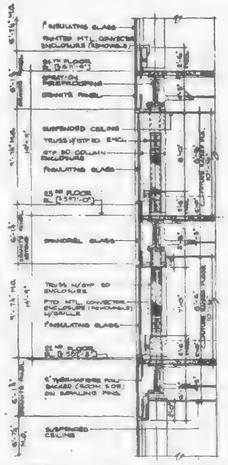
DATE: 8/6/79 SCALE: AS NOTED

DWG. 38

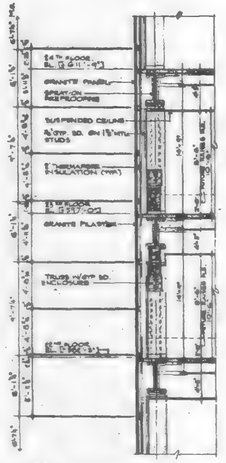


A EXTERIOR ELEVATION OF SOUTH FACE • SOUTH-EAST CORNER • FLOORS 22 & 23
(NORTH WALL SIMILAR)
SCALE: 1/4"=1'-0"

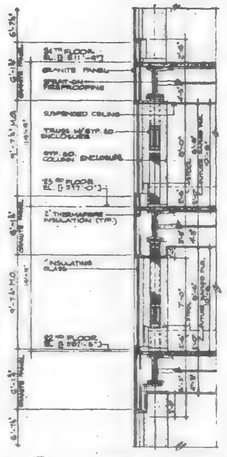
B EXTERIOR ELEVATION • EAST FACE • SOUTH-EAST CORNER • FLOORS 22 & 23. (WEST FACE SIMILAR)
SCALE: 1/4"=1'-0"



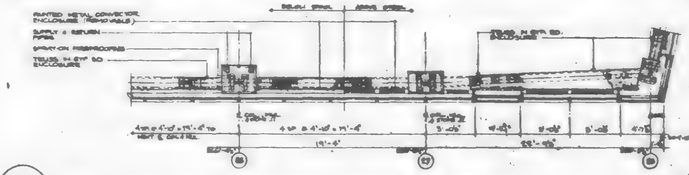
G EXTERIOR SOUTH WALL SECTION THRU TRUSS FLOORS 22 & 23
SCALE 1/4"=1'-0"



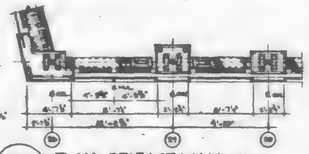
H EXTERIOR SOUTH WALL SECTION THRU TRUSS FLRS 22 & 23 • PILASTERS
SCALE: 1/4"=1'-0"



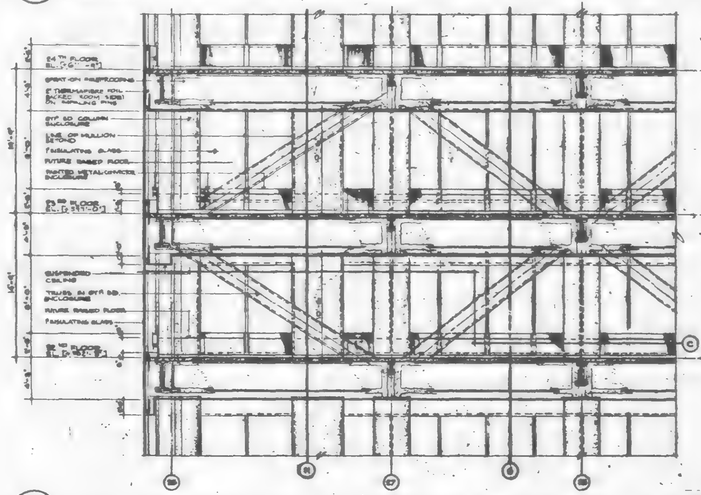
J EXTERIOR EAST WALL SECTION THRU TRUSS FLOORS 22 & 23
SCALE: 1/4"=1'-0" (WEST WALL SIMILAR)



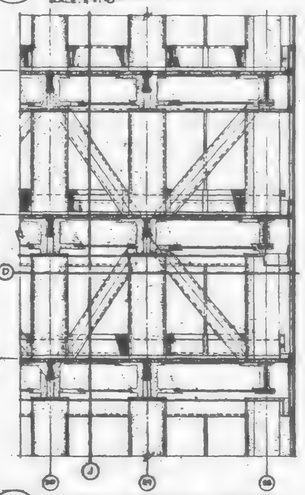
C PLAN OF SOUTH WALL • SOUTHEAST CORNER • FLOORS 22 & 23
SCALE: 1/4"=1'-0"



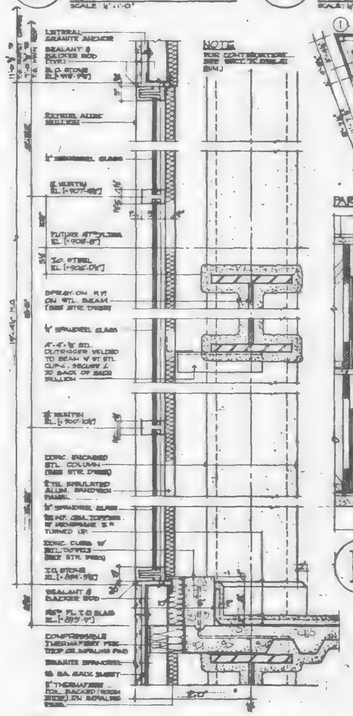
D PLAN OF EAST WALL • SOUTH-EAST CORNER • FLOORS 22 & 23
SCALE: 1/4"=1'-0"



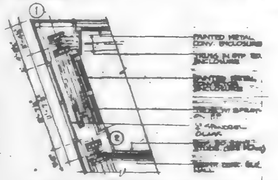
E INTERIOR ELEVATION OF SOUTH FACE • SOUTH-EAST CORNER • FLOORS 22 & 23
SCALE: 1/4"=1'-0"



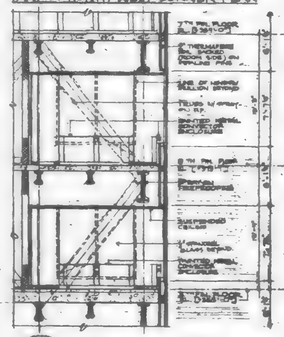
F INTERIOR ELEVATION OF EAST FACE • SOUTH-EAST CORNER • FLOORS 22 & 23
SCALE: 1/4"=1'-0"



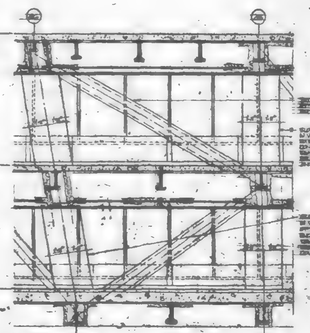
K SECTION THRU SPANDREL GLASS CURTAIN WALL AT HOUSE TANK AT 46TH FLOOR AT NORTH WALL



PART OF NORTH-WEST CORNER PLAN



L INTERIOR ELEVATION AND PLAN AT NORTH-WEST CORNER AT 5TH & 6TH FLRS.
SCALE: 1/4"=1'-0"
(NORTH-EAST CORNER SIM.)



M PART. INT. ELEV. @ NORTH WALL @ 5TH & 6TH FL.
SCALE: 1/4"=1'-0"

NOTE:
FOR ADDITIONAL DETAILS @ 5TH & 6TH FLOORS, SEE DWG. NO. 58.

SYMBOLS:
- GLASS FINISH GRANITE FACING
- POLISHED FINISH GRANITE FACING

GENERAL NOTE:
REPEATS ALL DIMENSIONS NOTED

CURTAIN WALL #2

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND WASHINGTON STREETS AND WEST BROADWAY
NEW YORK CITY NEW YORK

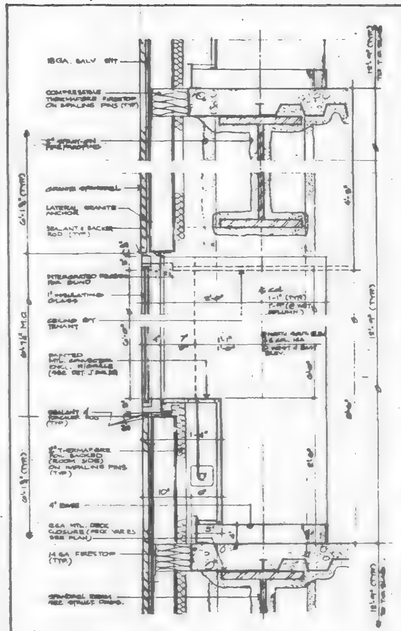
EMERY ROTH & SONS P.C.
ARCHITECTS
NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEERS
NEW YORK, N.Y. 10012

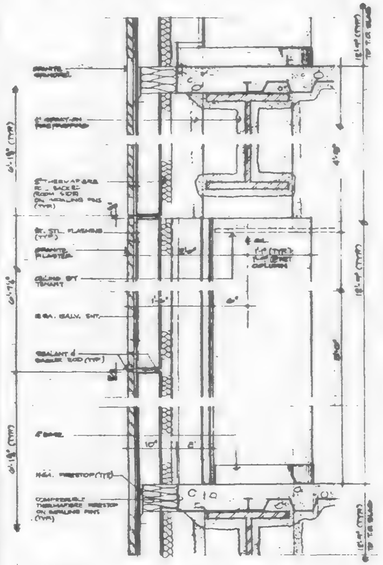
SYSKA & HENNESSY
INC.
NEW YORK, N.Y. 10036

DATE: 1967-1974 SCALE: AS NOTED

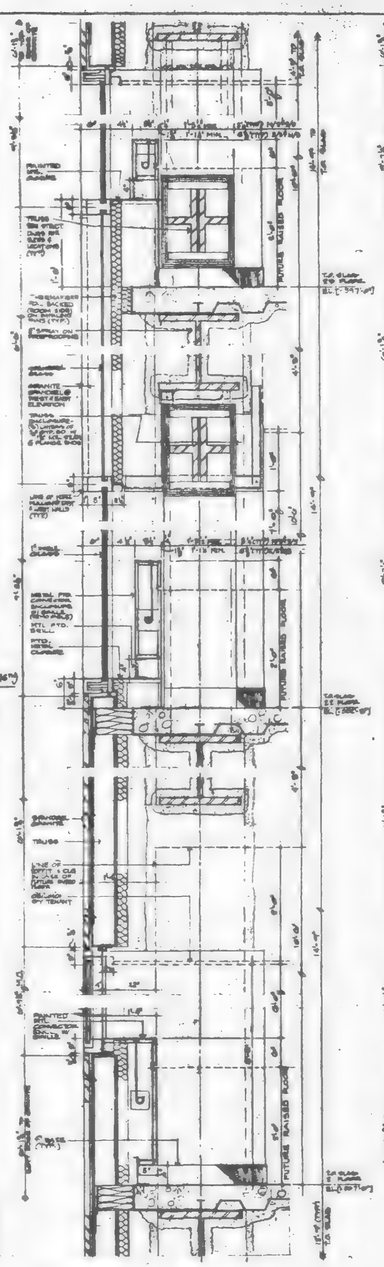
DWG. 59



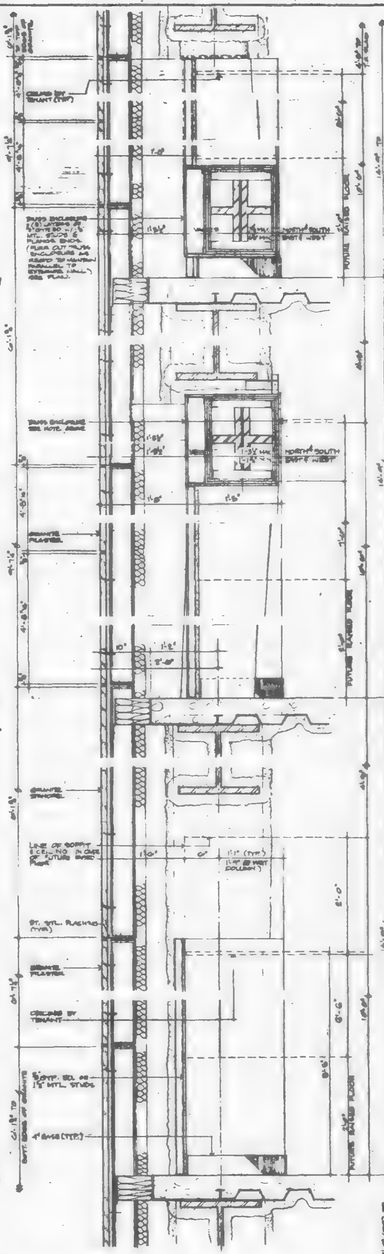
A TYPICAL EXTERIOR WALL SECTION @ WINDOW (@ 7TH TO 21ST & 84TH TO 46TH FLRS)



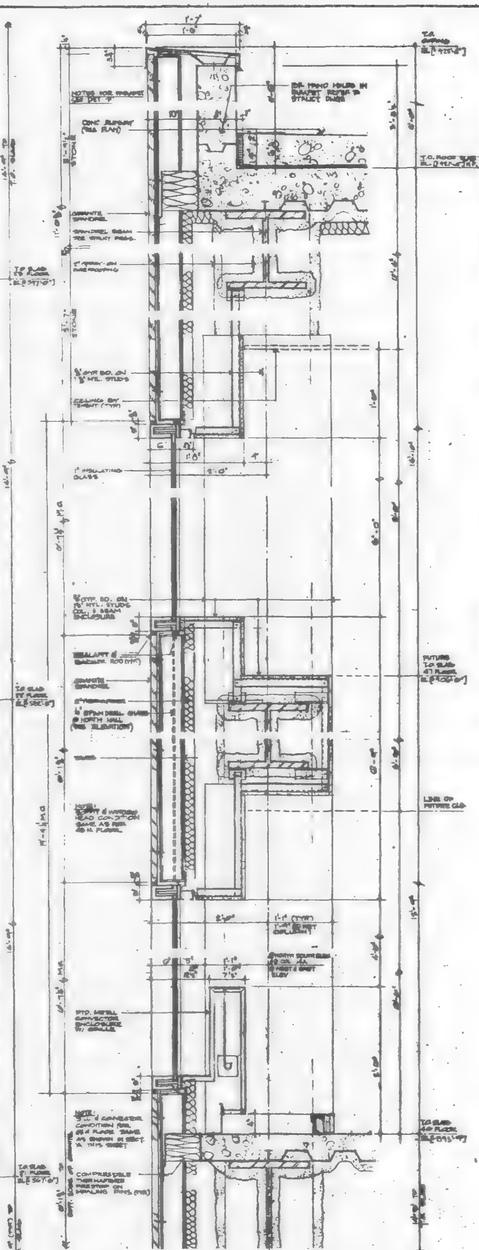
B TYPICAL EXTERIOR WALL SECTION @ PILASTER (@ 7TH TO 21ST & 84TH TO 46TH FLRS)



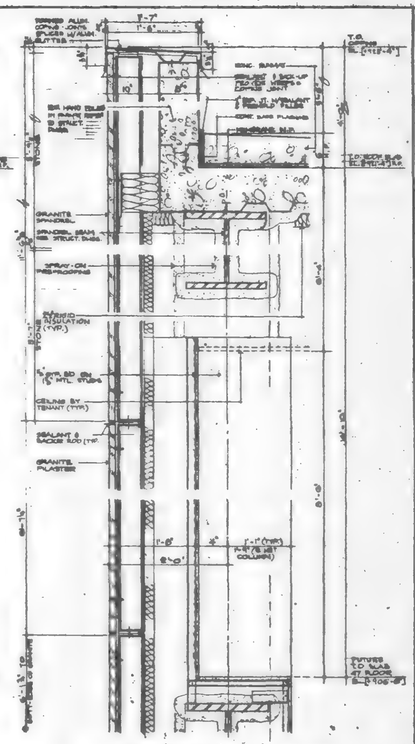
C EXT. NORTH & SOUTH WALL @ TRUSS FLRS @ WINDOWS (21ST, 22ND & 23RD FLOORS) (EAST & WEST WALLS SIMILAR, EXCEPT AS NOTED SEE PLAN DETAILS, SHEET A6)



D EXT. NORTH & SOUTH WALL @ TRUSS FLRS @ PILASTERS (21ST, 22ND & 23RD FLOORS) EAST & WEST WALLS SIMILAR, EXCEPT AS NOTED SEE PLAN DETAILS, SHEET A6



E VERTICAL SECTION @ WINDOWS OF FLOORS 46TH & MAIN ROOF - EAST & WEST WALLS & NORTH & SOUTH "BOOKENDS"



F VERTICAL SECTION @ PILASTERS @ MAIN ROOF LEVEL EAST & WEST WALLS & NORTH & SOUTH "BOOKENDS"

GENERAL NOTE:
PROVIDE SEPARATION OF DISSIMILAR METALS

TYPICAL VERTICAL DETAILS

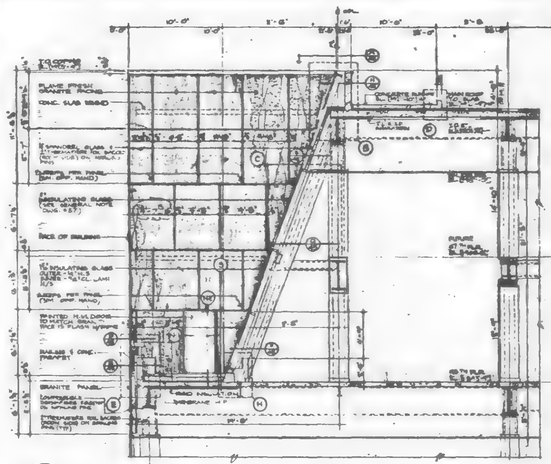
7 WORLD TRADE CENTER

EMERY ROTH & SONS, P.C. ARCHITECTS

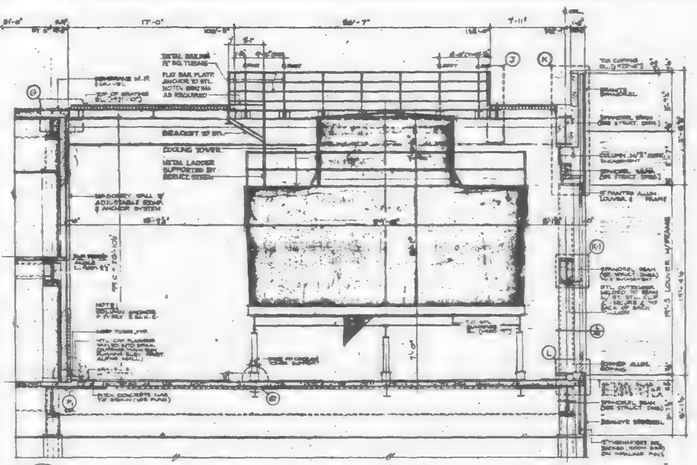
FRANK J. GANTOR

SYSKA & HENNESSY

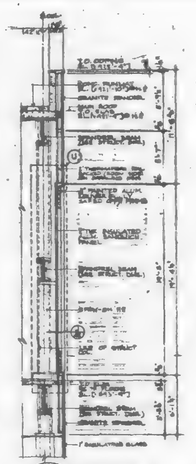
40



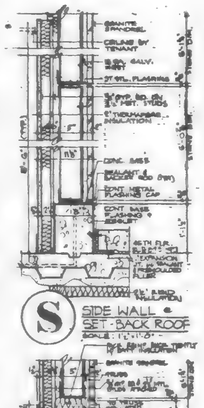
A CROSS-SECTION THRU ROOF TOWER • SLOPING C.W.
(OPPOSITE SIMILAR)



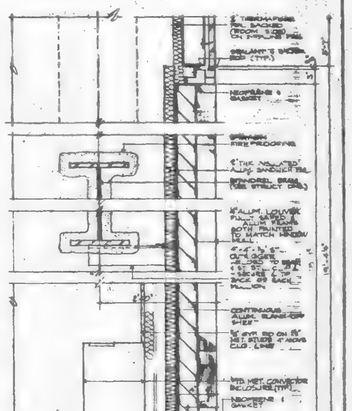
F CROSS-SECTION THRU ROOF TOWER • COOLING TOWER • ACTIVE LOUVER



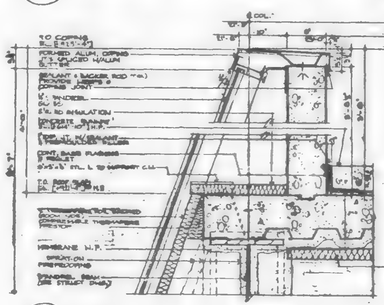
M LOUVER AT 46TH & 47TH FLR NORTH WALL



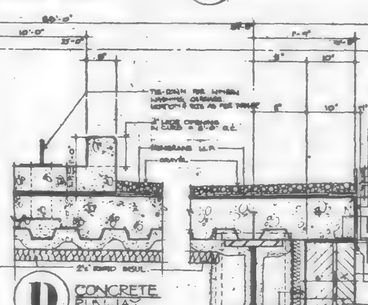
S SIDE WALL @ SET-BACK ROOF



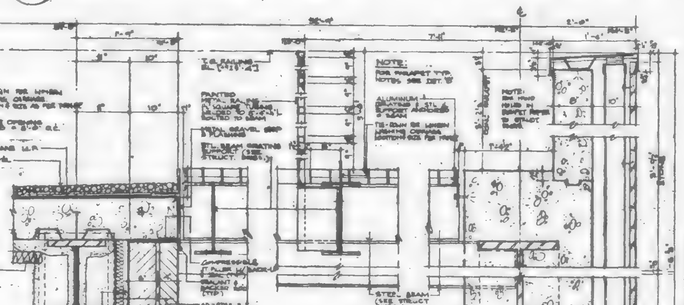
U SECTION THRU LOUVER • TENANT SPACE @ 46TH FLOOR • NORTH WALL



B SECTION THRU CONCRETE PARAPET AT SLOPING CURTAIN WALL

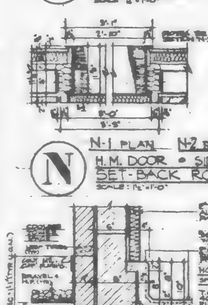


D CONCRETE RUNWAY

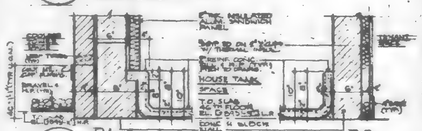


G SECTION THRU MASONRY WALL @ METAL GRATING

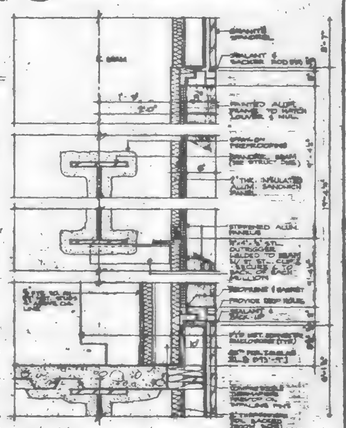
J HANDRAIL @ GRATING



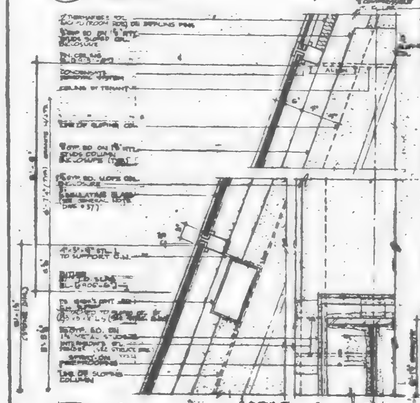
N N-1 PLAN N-2 SECTION
H.M. DOOR • SIDE WALL @ SET-BACK ROOF



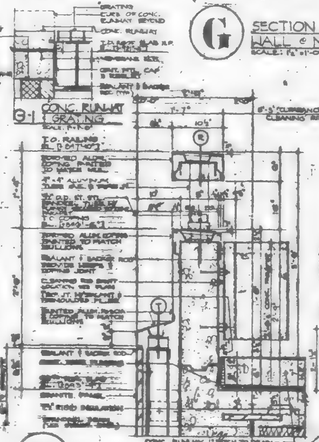
P P-1 P-2
SECTION THRU SEPARATING WALLS @ 46TH FLOOR SLAB @ HOUSE TANK



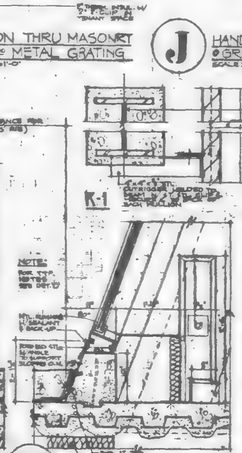
V SECTION THRU ALUM. PANEL @ TENANT SPACE @ 46TH FLOOR • NORTH WALL



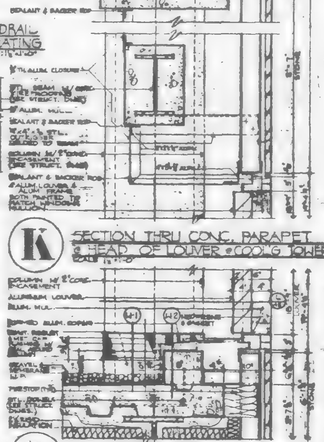
C SECTION • SLOPING C.W. • 47TH FLR.



E PARAPET • SET-BACK ROOF

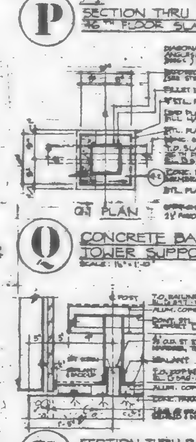


H SILL • SLOPING C.W.

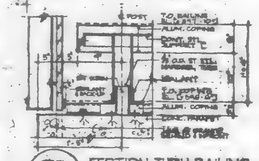


K SECTION THRU CONC. PARAPET HEAD OF LOUVER • COOLING TOWER

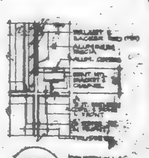
L SECTION THRU SILL • LOUVER



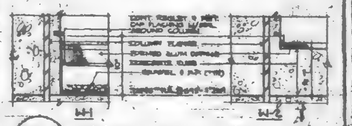
Q CONCRETE BASE OF COOLING TOWER SUPPORT



R SECTION THRU RAILING COPING @ 46TH FLR @ SET-BACK ROOF



T SECTION @ COPING @ PARAPET



W SECTION THRU COL. BASE @ CONCRETE CURB @ COPING

GENERAL NOTE
SEPARATE ALL DISSIMILAR METALS

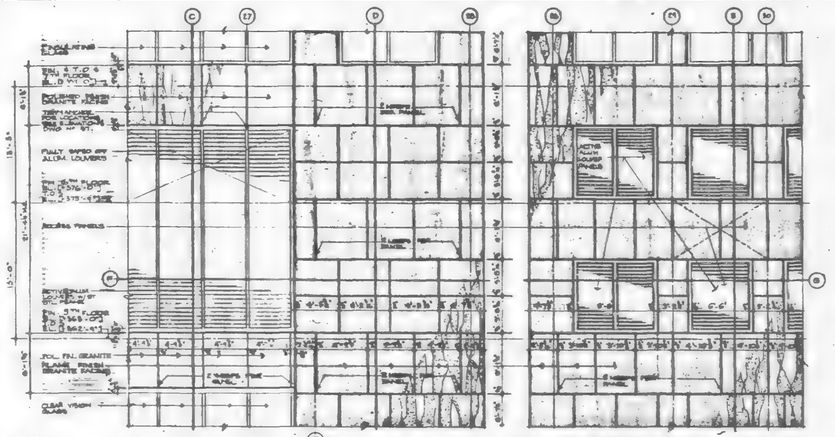
TYPICAL VERTICAL DETAILS • 2

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

EMERY ROTH & SONS P.C.
ARCHITECTS

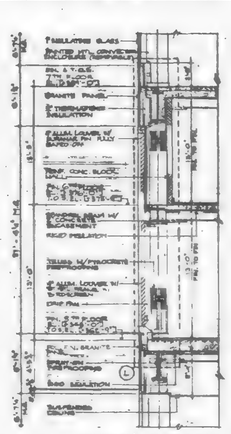
DATE: 9/27, 10/27/78 SCALE: AS NOTED

41

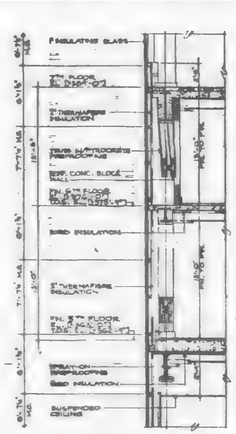


A EXTERIOR ELEVATION OF SOUTH FACE • SOUTH-EAST CORNER • FLOORS 5TH & 6TH (SOUTH-WEST CORNER SIMILAR)

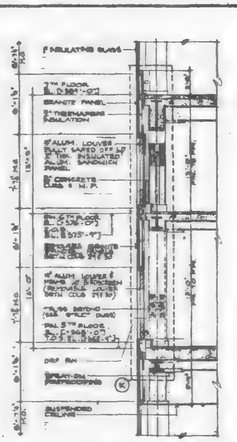
B EXTERIOR ELEVATION OF EAST FACE • SOUTH-EAST CORNER • FLOORS 5TH & 6TH (WEST FACE SIMILAR)



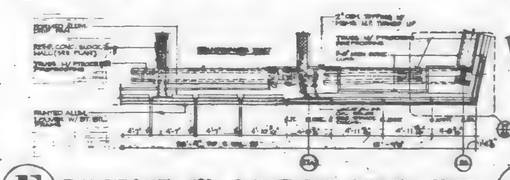
C EXTERIOR SOUTH WALL SECTION THRU ℄ • TRUSS FLOORS 5TH & 6TH



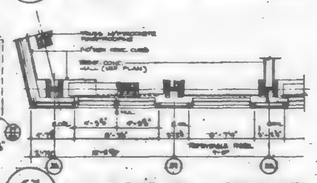
D EXTERIOR SOUTH WALL SECTION THRU PILASTER • TRUSS FLOORS 5TH & 6TH



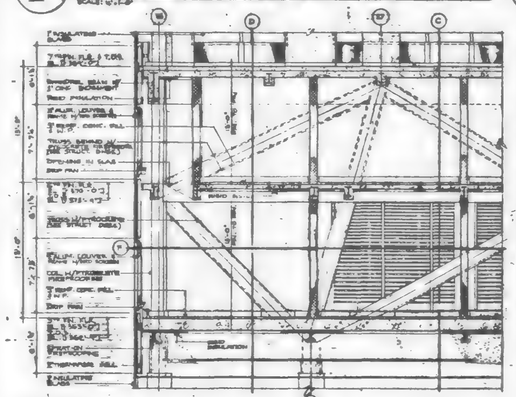
E EXTERIOR EAST WALL SECTION THRU LOUVERS WINDOWS • TRUSS FL. 5TH & 6TH (WEST WALL SIMILAR)



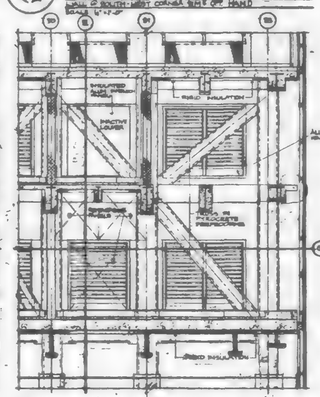
F PLAN OF SOUTH WALL • SOUTH-EAST CORNER • 5TH FLR (6TH FLR SIM SOUTH-WEST CORNER 5TH FLR & OPP HAND)



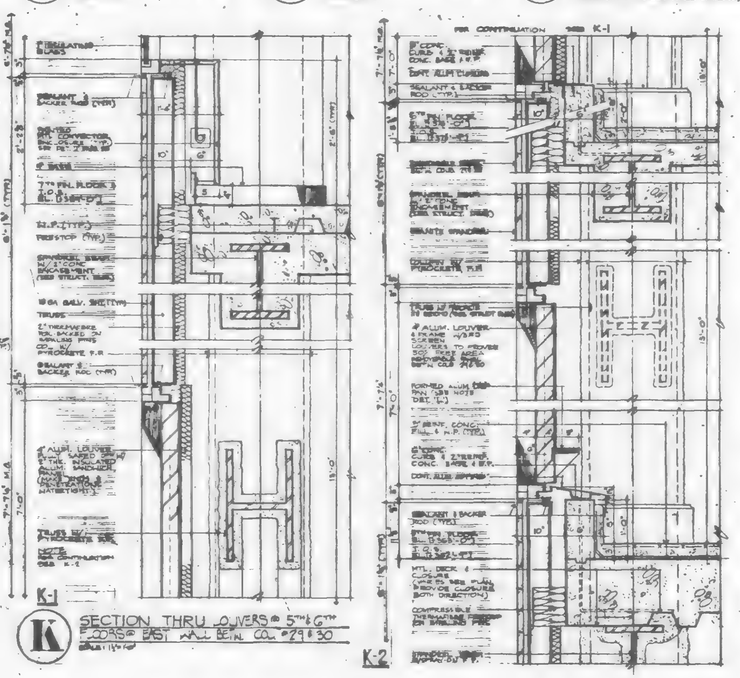
G PLAN OF EAST WALL • SOUTH-EAST CORNER • 5TH & 6TH FLRS (6TH FLR SIM SOUTH-WEST CORNER 5TH FLR & OPP HAND)



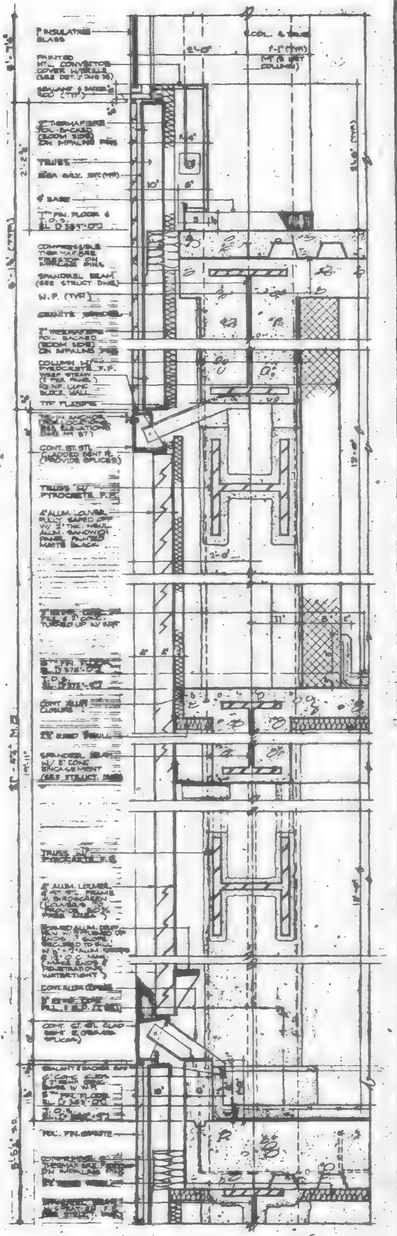
H INTERIOR ELEVATION OF SOUTH FACE • SOUTH-EAST CORNER • 5TH & 6TH FLOORS



J INTERIOR ELEVATION OF EAST FACE • SOUTH-EAST CORNER • 5TH & 6TH FLOORS



K SECTION THRU LOUVERS @ 5TH & 6TH FLRS EAST WALL BETW COL. 29 & 30



L SECTION THRU LOUVER @ 5TH & 6TH FLRS. @ SOUTH WALL BETWEEN COLS. 19^ & 27^

GENERAL NOTES:

1. SEPARATE ALL DISSIMILAR METALS TEFLON ENCLOSURES OR PAINTED PROTECTION AS REQUIRED. ALL ALUMINUM TO BE BROUGHT TO LACQUERED FINISH BY ANODIZING OR PAINTING AS SPECIFIED. ALL ALUMINUM MOUNTING CLIPS OR BRACKETS TO BE ANODIZED WITH ANODIZING COATING EQUAL TO ALUMINUM FINISH. ALL COLUMNS W/ PYROCRETE, ENTIRE CLEVISES OR FINISHED SURFACES TO BE PAINTED MATTE BLACK. ALL EXPOSED STEEL TO BE PAINTED MATTE BLACK. ALL EXPOSED STEEL TO BE PAINTED MATTE BLACK TO MAKE MIN. EIGHT LEAKS.
2. WIND LOADS: (7 PER MODEL) 2.5 LBS PER SQ. FT. 3 SEC GUST. DEAD LOAD: 15 LBS PER SQ. FT. DEAD LOAD ELEV. FOR WALL 15 LBS PER SQ. FT. DEAD LOAD ELEV. FOR WINDOWS 15 LBS PER SQ. FT. DEAD LOAD ELEV. FOR SPANDREL 15 LBS PER SQ. FT. DEAD LOAD ELEV. FOR ROOF 15 LBS PER SQ. FT. DEAD LOAD ELEV. FOR FLOORS.

DATE REVISIONS

CURTAIN WALL #5

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
OWNED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

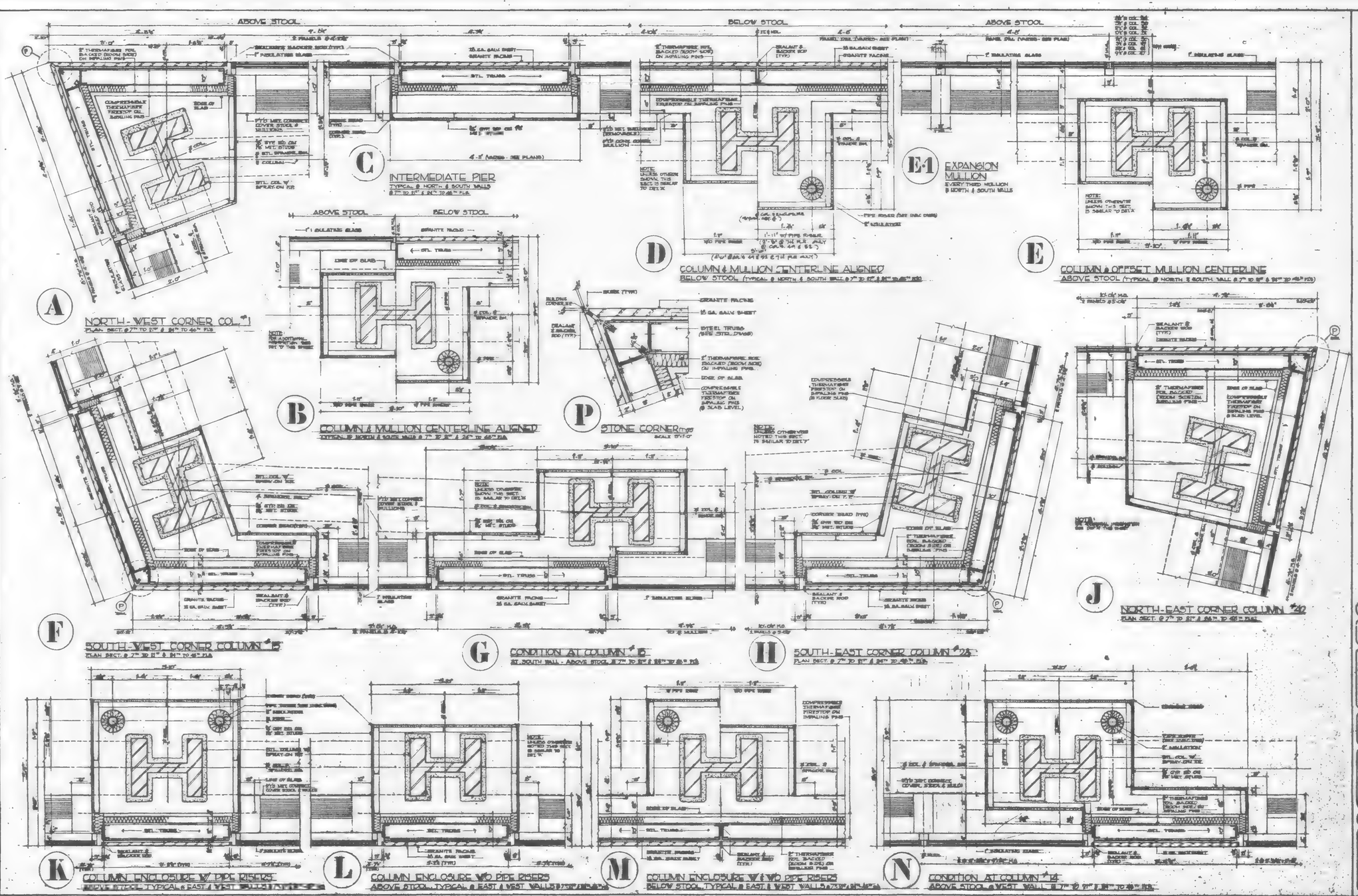
EMERY ROTH & SONS P.C.
ARCHITECTS
250 TWIN TOWERS NEW YORK, N.Y. 10007

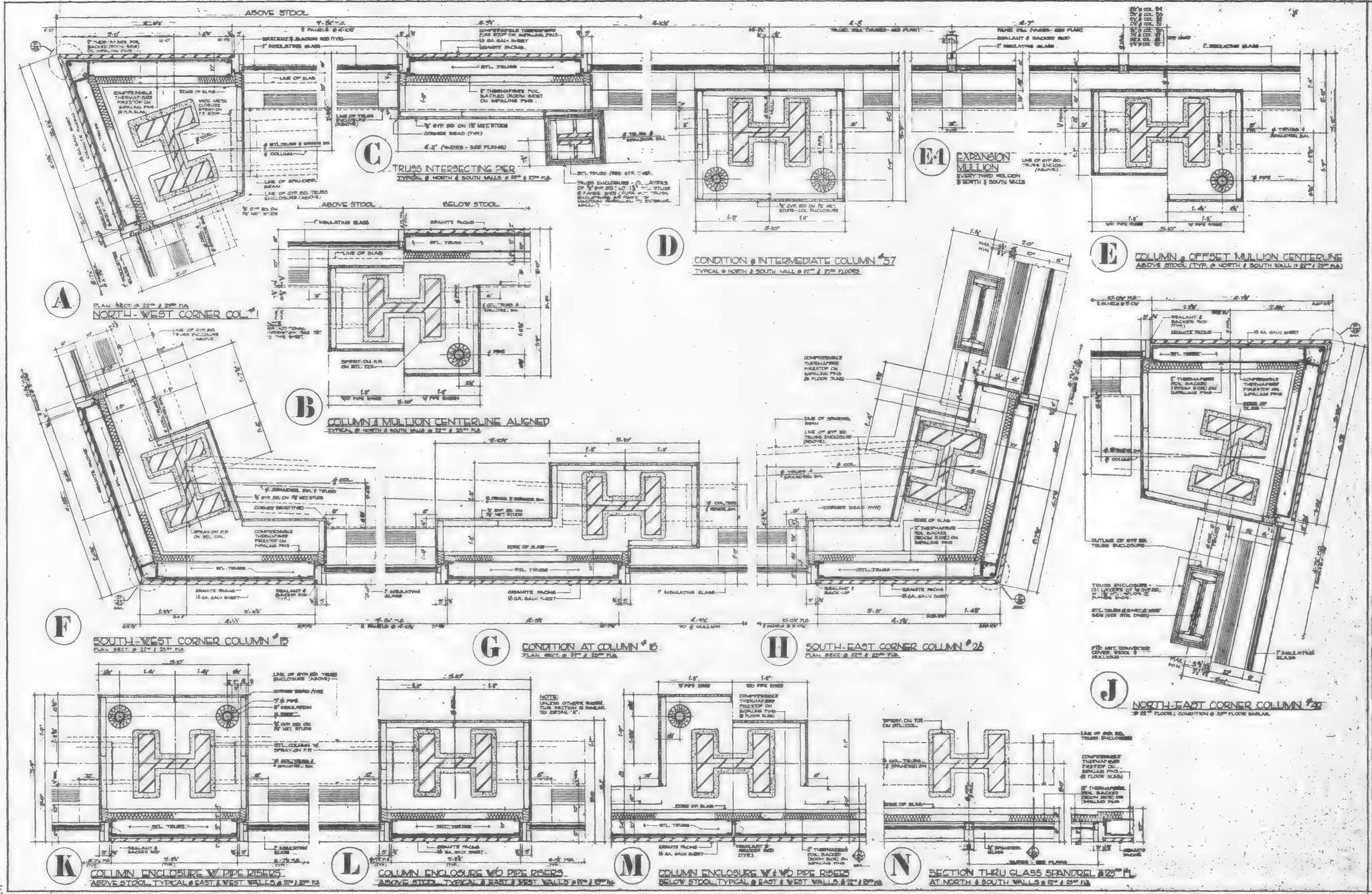
THE OFFICE OF
IRWIN S. CANTOR P.E.
STRUCTURAL ENGINEERS
345 THIRD AVENUE NEW YORK, N.Y. 10003

RYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: DEC. 28, 1966 SCALE: NOTED

DWG. 42


A
NORTH-WEST CORNER COL. #1
PLAN SECT. @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
B
COLUMN & MULLION CENTERLINE ALIGNED
TYPICAL @ NORTH & SOUTH WALLS @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
C
INTERMEDIATE PIER
TYPICAL @ NORTH & SOUTH WALLS @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
D
COLUMN & MULLION CENTERLINE ALIGNED
BELOW STOOL (TYPICAL @ NORTH & SOUTH WALL @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR)
E
COLUMN & OFFSET MULLION CENTERLINE
ABOVE STOOL (TYPICAL @ NORTH & SOUTH WALL @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR)
E-1
EXPANSION MULLION
EVERY THIRD MULLION @ NORTH & SOUTH WALLS
P
STONE CORNER
SCALE 1"=1'-0"
F
SOUTH-WEST CORNER COLUMN #15
PLAN SECT. @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
G
CONDITION AT COLUMN #16
AT SOUTH WALL - ABOVE STOOL @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
H
SOUTH-EAST CORNER COLUMN #25
PLAN SECT. @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
J
NORTH-EAST CORNER COLUMN #2
PLAN SECT. @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
K
COLUMN ENCLOSURE W/ PIPE RISERS
ABOVE STOOL TYPICAL @ EAST & WEST WALLS @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
L
COLUMN ENCLOSURE W/O PIPE RISERS
ABOVE STOOL TYPICAL @ EAST & WEST WALLS @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
M
COLUMN ENCLOSURE W/ & W/O PIPE RISERS
BELOW STOOL TYPICAL @ EAST & WEST WALLS @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
N
CONDITION AT COLUMN #14
ABOVE STOOL @ WEST WALL @ 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
GENERAL NOTE:
PROVIDE SEPARATION OF DISSIMILAR METALS.
TYP PLAN DETAILS AT 7'-7" TO 21'-8" & 24'-7" TO 46'-7" FLR.
7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
EMERY ROTH & SONS P.C.
ARCHITECTS
IRWIN G. CANTOR P.C.
SYSKA & HENNESSY
43



GENERAL NOTES:

1. GYPSUM BOARD P.P. ON TRUSS BRACING SHALL RUN CONTINUOUS ADJOINING COLUMN GYP. BD. ENCLOSURE OR CEILING LINE WHICHEVER IS HIGHER. WHERE END OF MENTIONED TRUSS GYP. BD. ENCLOSURE IS VERY NEAR & ABOVE SPRAY-ON P.P. FROM END OF GYP. BD. TO SPANDREL BEAM P.P.
2. REFER TERMINATION OF THERMAFIBER DETAILS

DRWG.	REVISIONS

TYP. PLAN DETAILS @ 22ND AND 23RD FLRS.

7 WORLD TRADE CENTER
(47 STORY OFFICE BUILDING)
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

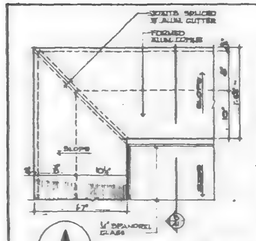
EMERY ROTH & SONS P.C.
ARCHITECTS
ONE PENN PLAZA NEW YORK, N.Y. 10001

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
ONE PENN PLAZA NEW YORK, N.Y. 10001

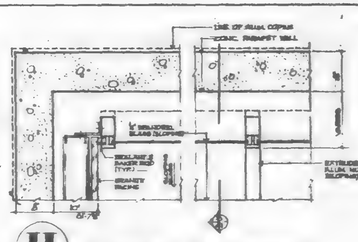
SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DRWG. SPEC. NO. 7SBSE | SCALE: 3/4"=1'-0"

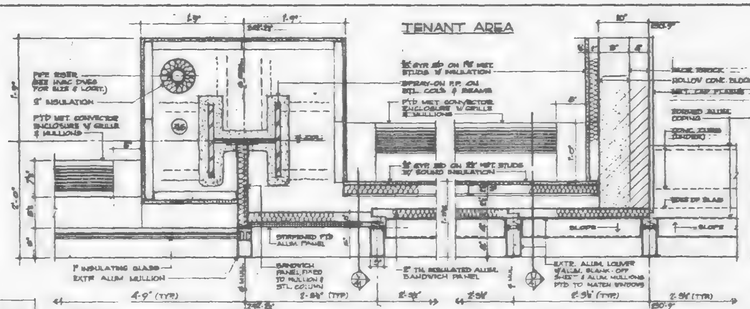
DWG. 44



A COPING PLAN VIEW @ SET-BACK ROOF

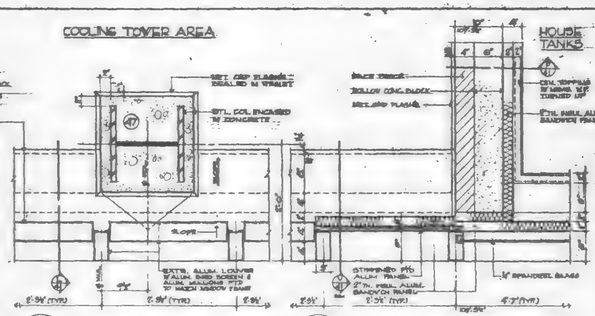


H PLAN SECT. THRU PARAPET AT SET-BACK ROOF



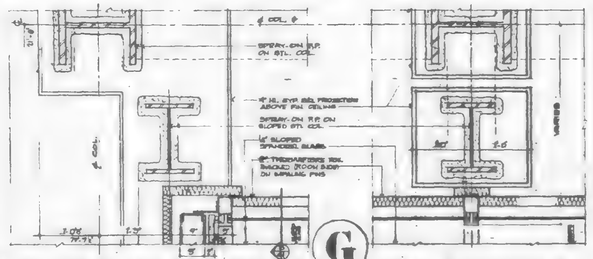
J ALUMINUM PANEL AT COLUMN #16 @ 46TH FLOOR (NORTH WALL)

K BAFFLED-OFF LOUVER @ TENANT AREA @ 46TH FLR



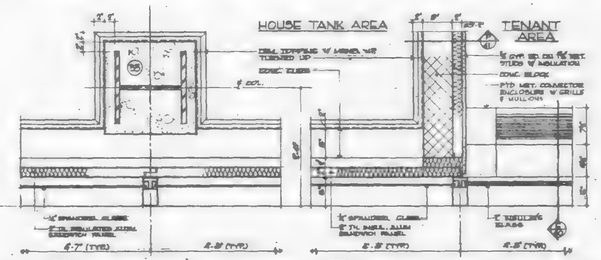
L ACTIVE LOUVER @ COOLING TOWER AREA @ 46TH FLR

M ALUM. PANEL @ COOL'G TOWER & HOUSE TANK SEPARATG WALL



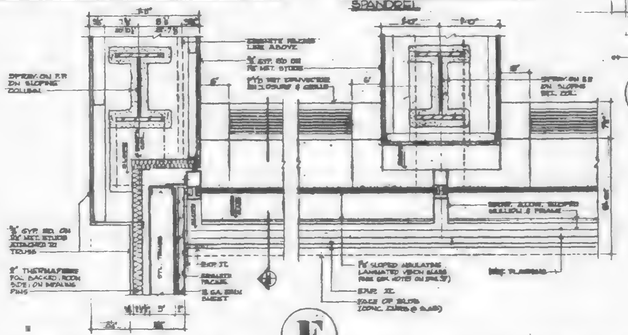
B SLOPING CURTAIN WALL SETBACK @ SPANDREL

G SLOPING MULLION @ COL @ SPANDREL



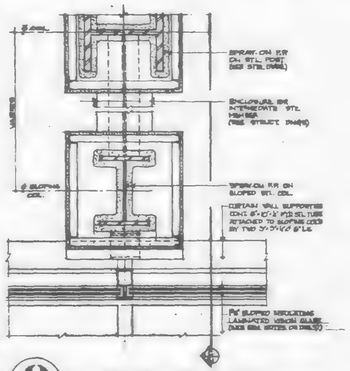
N SPANDREL GLASS @ HOUSE TANK COL #55 @ 46TH FL.

P CONDIT. @ HOUSE TANK & TENANT AREA SEPARATING WALL @ 46TH FL.

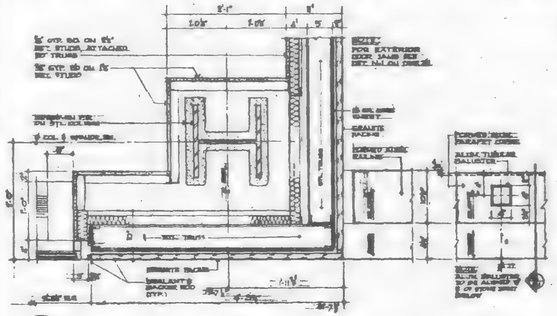


C SLOPING CURTAIN WALL SETBACK @ SILL

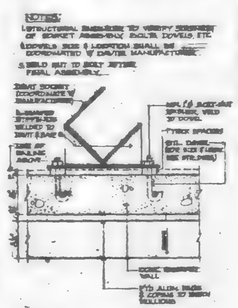
F SLOPING MULLION & COL @ BASE (SILL)



Q SLOPING MULLION SUPPORT @ COLUMN



D CORNER COL. @ ROOF SETBACK @ 46TH FL (SOUTH ELEV)



E CLEANING RIG DAVIT SOCKET ASSEMBLY

GENERAL NOTE:

1. SEPARATE ALL DISSIMILAR METALS

PLAN DETAILS @ 46TH & 47TH FLS.

7 WORLD TRADE CENTER
457 STORY OFFICE BUILDING

Situated on
VESEY STREET and CHURCH STREET
Extending from VESEY ST. to CORTLANDT ST.
NEW YORK

EMERY ROTH & SON, P.C.
ARCHITECTS
NEW YORK, N.Y. 10007

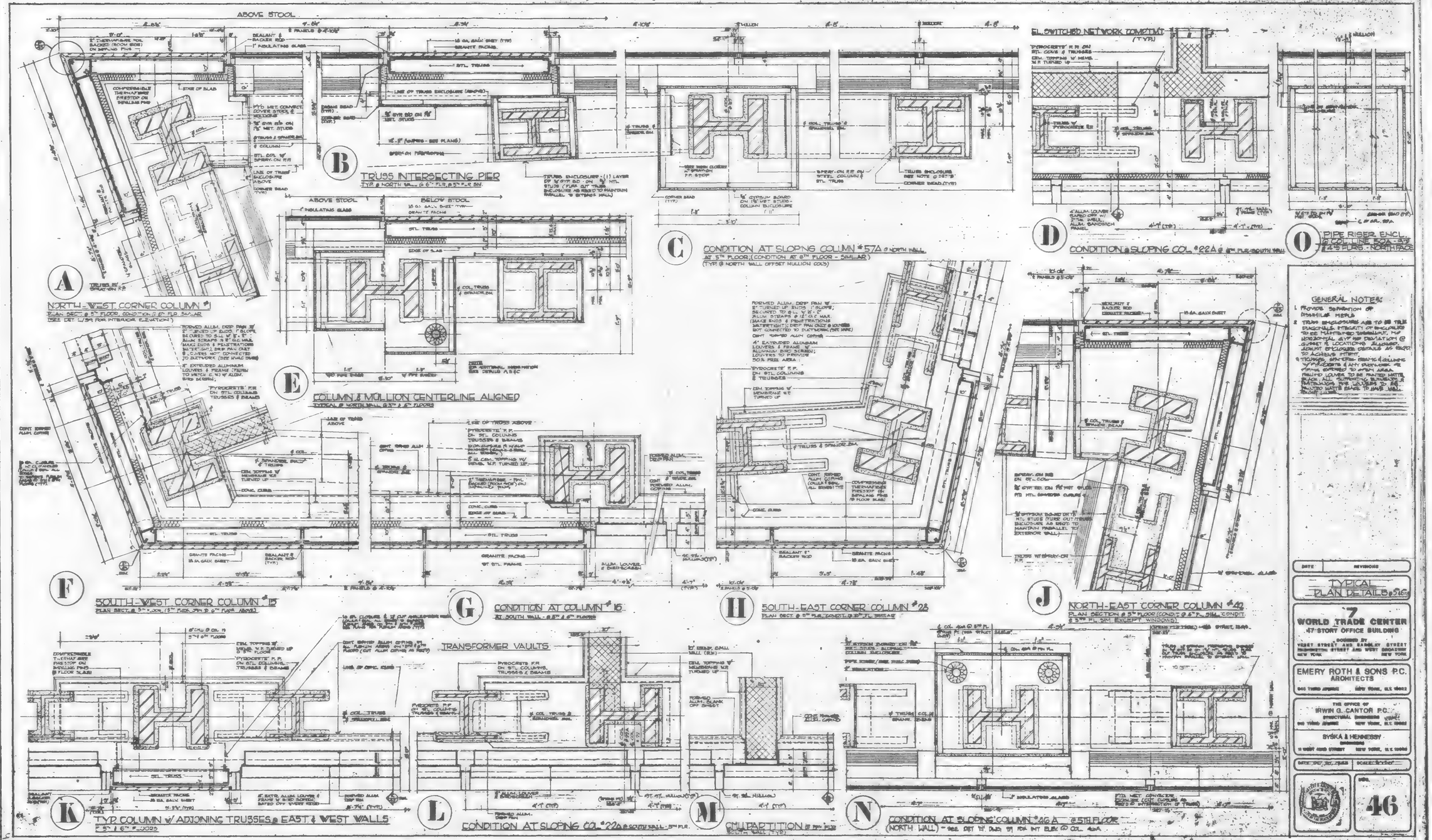
THE OFFICE OF
IRWIN G. CANTOR P.E.
STRUCTURAL ENGINEER
NEW YORK, N.Y. 10022

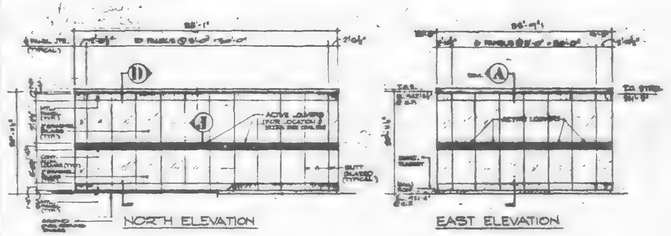
SYSKA & HENNESSY
ENGINEERS
NEW YORK, N.Y. 10036

DATE: MAY 20, 1966 SCALE: AS NOTED

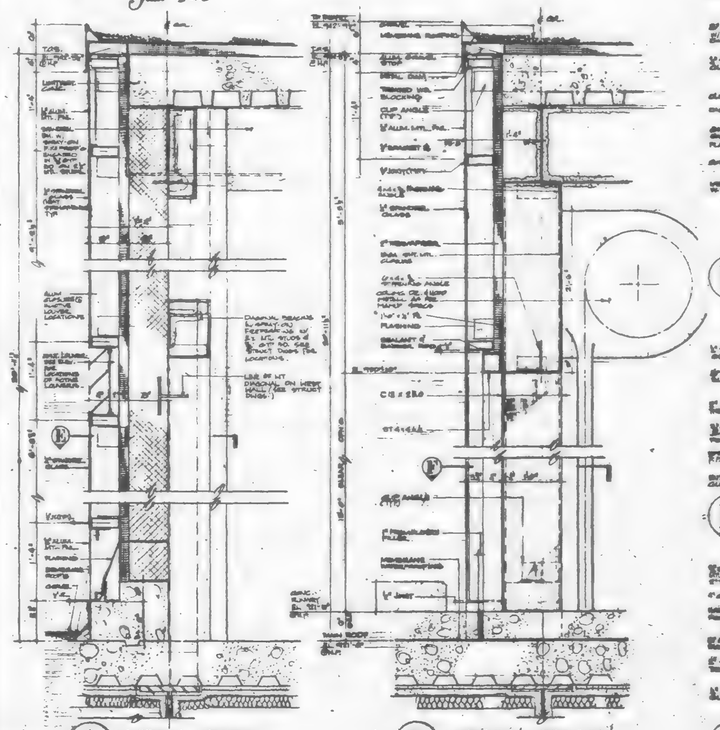
JOB NO.

45


A
NORTH-WEST CORNER COLUMN #1
B
TRUSS INTERSECTING PIER
C
CONDITION AT SLOPING COLUMN #57A @ NORTH WALL
D
CONDITION @ SLOPING COL. #22A @ 6TH FLR. SOUTH WALL
O
PIPE RISER ENCL. @ COL. LINE 52A - 53
E
COLUMN & MULLION CENTERLINE ALIGNED
F
SOUTH-WEST CORNER COLUMN #15
G
CONDITION AT COLUMN #16
H
SOUTH-EAST CORNER COLUMN #28
J
NORTH-EAST CORNER COLUMN #43
K
TYP. COLUMN W/ ADJOINING TRUSSES @ EAST & WEST WALLS
L
CONDITION AT SLOPING COL. #22A @ SOUTH WALL - 5TH FLR.
M
N
CONDITION AT SLOPING COLUMN #46A @ 5TH FLOOR (NORTH WALL)
TRANSFORMER VAULTS
ABOVE STOOL
BELOW STOOL
EL. SWITCHBD NETWORK EQMT. (TYP.)
GENERAL NOTES:
TYPICAL PLAN DETAILS @ 5TH FL.
7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
EMERY ROTH & SONS P.C.
ARCHITECTS
IRWIN G. CANTOR P.C.
SYSKA & HENNESSY
DRWG.
46

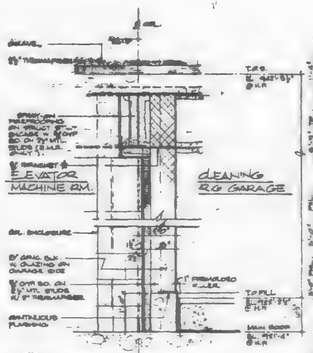


1 BULKHEAD ELEVATIONS @ MAIN ROOF
Scale: 1/8"=1'-0"

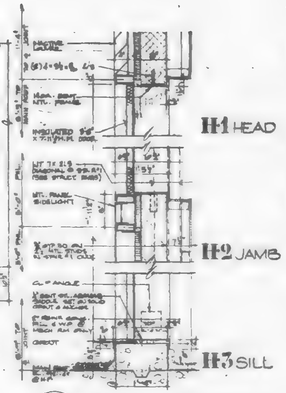


A TYPICAL VERTICAL SECTION
Scale: 1/8"=1'-0"

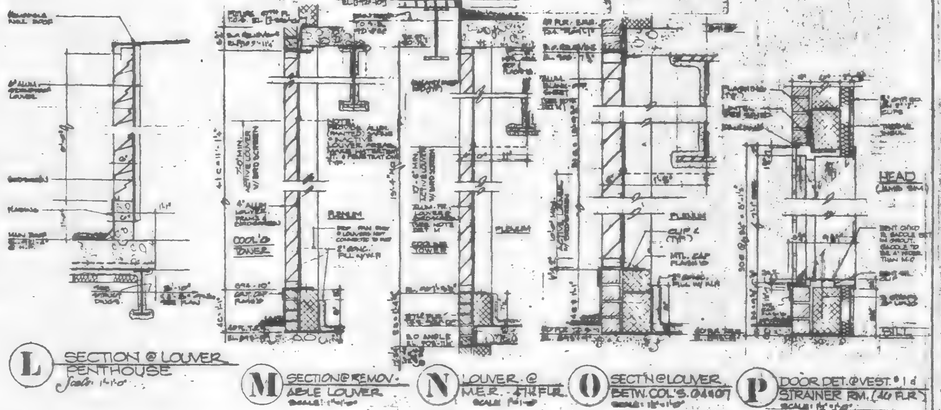
B VERTICAL SECTION @ GARAGE DOOR
Scale: 1/8"=1'-0"



C SEPARATING WALL BETW. E.M.R. & GARAGE
Scale: 1/4"=1'-0"



H SECTION THRU STAIR #1 & MECH. RM DOOR
Scale: 1/4"=1'-0"



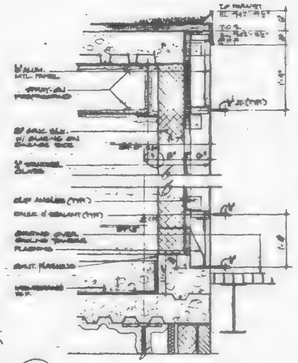
L SECTION @ LOUVER PENTHOUSE
Scale: 1/4"=1'-0"

M SECTION @ REMOVABLE LOUVER
Scale: 1/4"=1'-0"

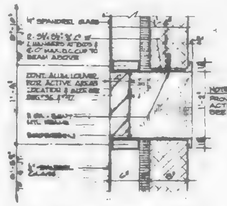
N LOUVER @ M.E.R. - 7TH FLR.
Scale: 1/4"=1'-0"

O SECTN @ LOUVER BETW. COL'S. 24 & 07
Scale: 1/4"=1'-0"

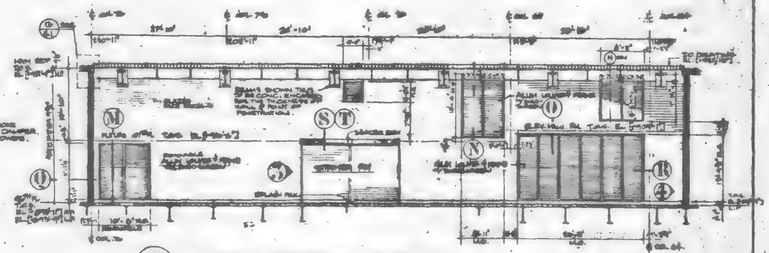
P DOOR DET. @ VEST. & STRAINER RM. (40 FLR.)
Scale: 1/4"=1'-0"



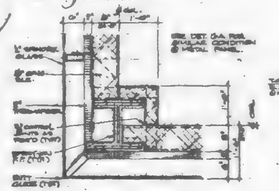
D SECTION of NORTH WALL @ METAL GRATING
Scale: 1/4"=1'-0"



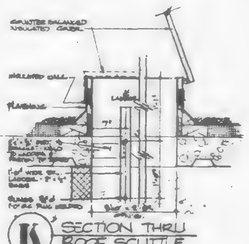
J SECTION THRU ACTIVE LOUVER
Scale: 1/4"=1'-0"



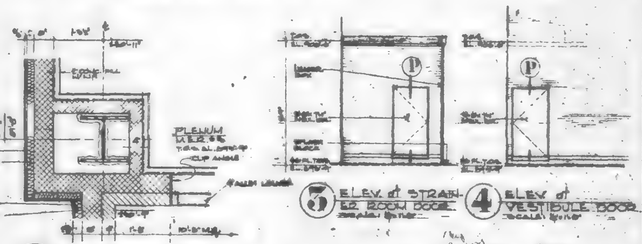
2 NORTH ELEVATION OF SOUTH WALL @ COOLING TOWER (LOOKING SOUTH)
SCALE: 1/8"=1'-0"



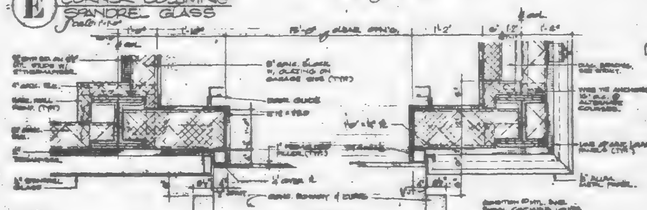
E CORNER COLUMN @ SPANDREL GLASS
Scale: 1/4"=1'-0"



K SECTION THRU ROOF SCUTTLE
Scale: 1/4"=1'-0"

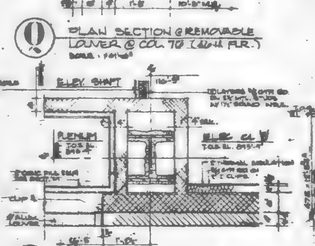


5 ELEV. at STRAIN. & 2ND FLOOR DOOR
4 ELEV. at VESTIBULE DOOR
SCALE: 1/4"=1'-0"



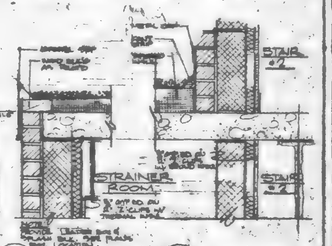
F GARAGE DOOR JAMB @ SPANDREL GLASS
Scale: 1/4"=1'-0"

G CORNER COL. @ GARAGE DR. JAMB @ MTL. PANEL
Scale: 1/4"=1'-0"



Q PLAN SECTION @ REMOVABLE LOUVER @ COL. 70 (46th FLR.)
SCALE: 1/4"=1'-0"

R PLAN SECTION @ COL. 84 (46th FL.) CONTINUA
SCALE: 1/4"=1'-0"



S SECTION @ STRAINER RM. ROOF
SCALE: 1/4"=1'-0"

T STRAINER RM ROOF @ SOUTH WALL
SCALE: 1/4"=1'-0"

GENERAL NOTES:
(COORDINATE ALL DIMENSIONS WITH ALL)

DATE | REVISIONS

BULKHEAD DETAILS

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
LOCATED BY VESEY STREET AND CHURCH STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK

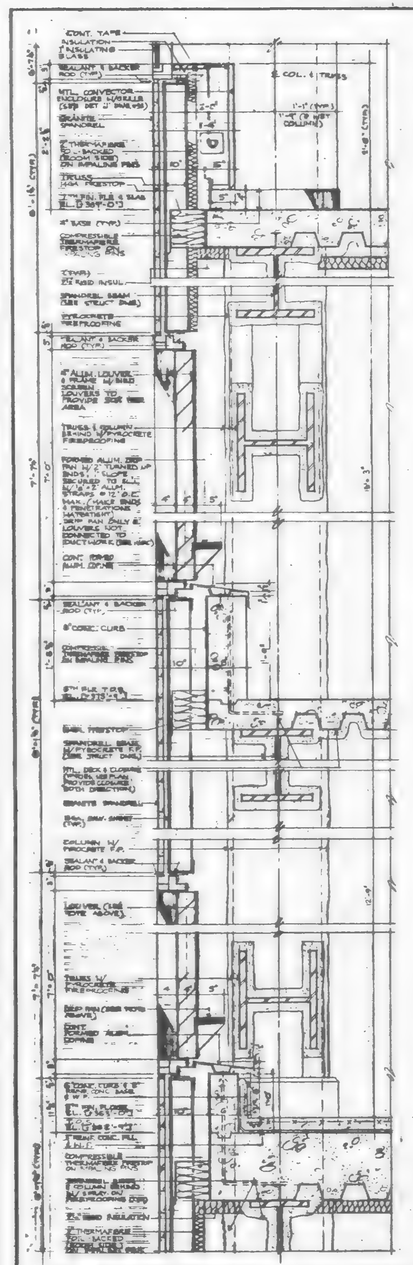
EMERY ROTH & SONS P.C.
ARCHITECTS
250 PARK AVENUE NEW YORK, N.Y. 10017

THE OFFICE OF IRWIN G. CANTOR, P.C.
STRUCTURAL ENGINEERS
250 PARK AVENUE NEW YORK, N.Y. 10017

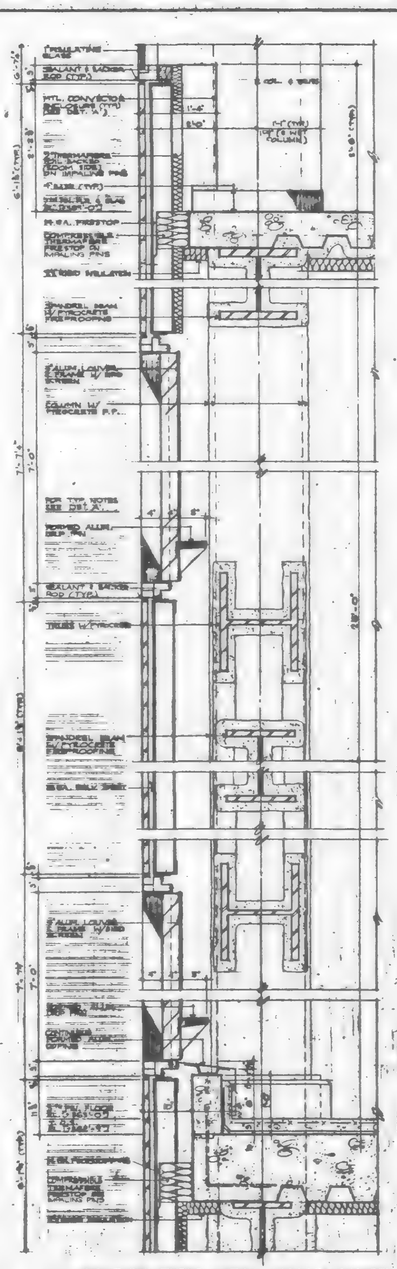
SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: 8/7/80, 10/1/80 | SCALE:

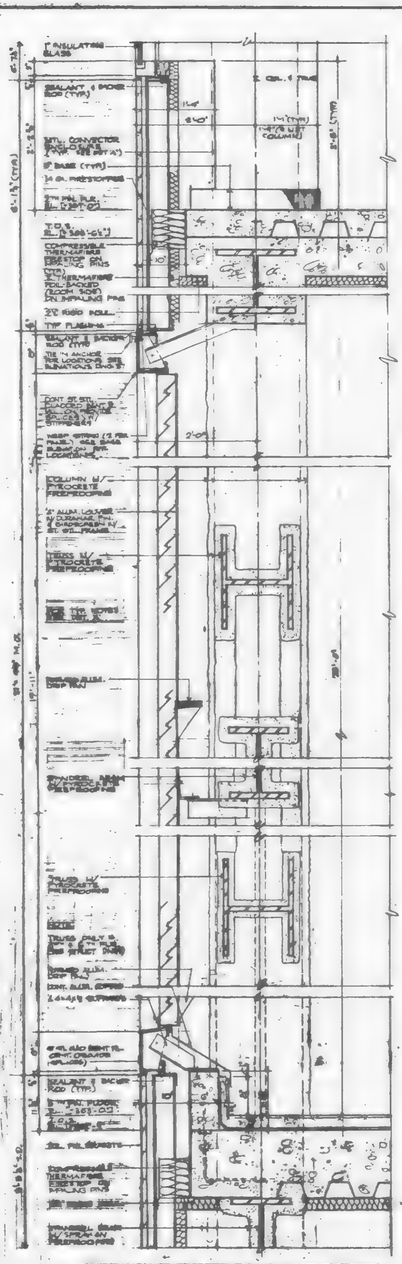
DWG. 47



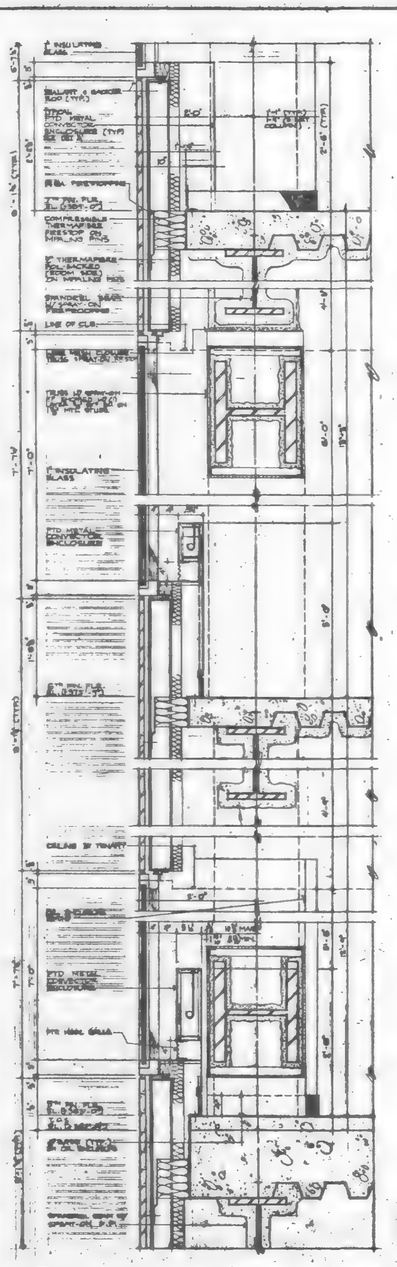
A SECTION THRU WEST WALL @ 5TH & 6TH FLOORS • ACTIVE LOUVER (EAST WALL SIMILAR)
SCALE: 1/2"=1'-0"



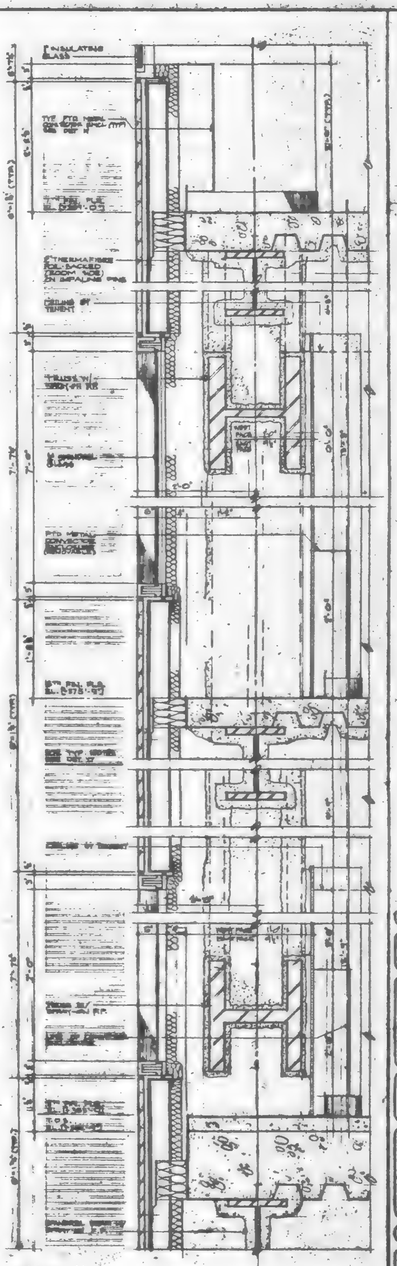
B SECTION THRU WEST WALL @ 5TH & 6TH FLOORS • ACTIVE LOUVER FOR 2 STORIES PLENUM (EAST WALL SIMILAR)
SCALE: 1/2"=1'-0"



C SECTION THRU SOUTH WALL @ 5TH & 6TH FLOORS • ACTIVE LOUVER FOR 2 STORIES PLENUM
SCALE: 1/2"=1'-0"



D SECTION THRU NORTH WALL @ 5TH & 6TH FLOORS • FLUSH WINDOWS
SCALE: 1/2"=1'-0"



E SECTION THRU WEST WALL @ 5TH & 6TH FLOORS • RECESSED WINDOWS
SCALE: 1/2"=1'-0" BETWEEN COLS. 1 & 2
(EAST WALL @ 1ST AND BETW. COLS. 1 & 2 @ 5TH & 6TH)

GENERAL NOTES:

1. GENERATE ALL DIMENSIONS FROM
2. TRUE DIMENSIONS ARE TO BE TRUE DIAGONALS IN LIEU OF SKEWED TO BE MAINTAINED SQUARE NO HORIZONTAL 45° DEVIATION FROM TRUE DIAGONAL ALLOWED ADJUST SHOWING DETAIL AS REQD TO ACHIEVE RIGHT ANGLES, SYMMETRICAL
3. COLUMNS W/ PRECONCRETE ARE DESIGNED AS METAL ENCASED IN CONCRETE
4. ALL DIMENSIONS ARE TO FINISHED SURFACES UNLESS NOTED OTHERWISE

MISCELLANEOUS DETS

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK

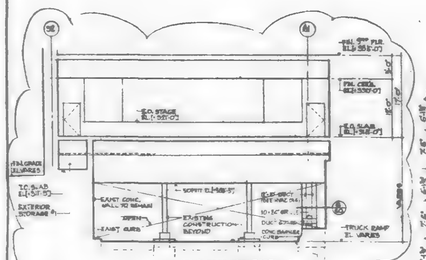
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVE. NEW YORK, N.Y. 10022

THE OFFICE OF IRVING G. CANTOR P.E.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10017

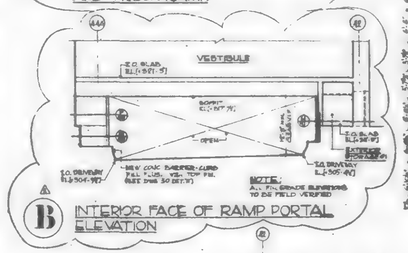
STUPKA & MENNESSEY
LIGHTING
11 JOHN ABBE STREET NEW YORK, N.Y. 10038

DATE: DEC. 20, 1968 SCALE: AS NOTED

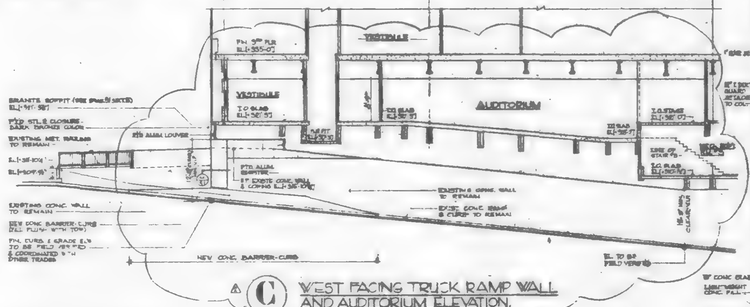
SHT. 48



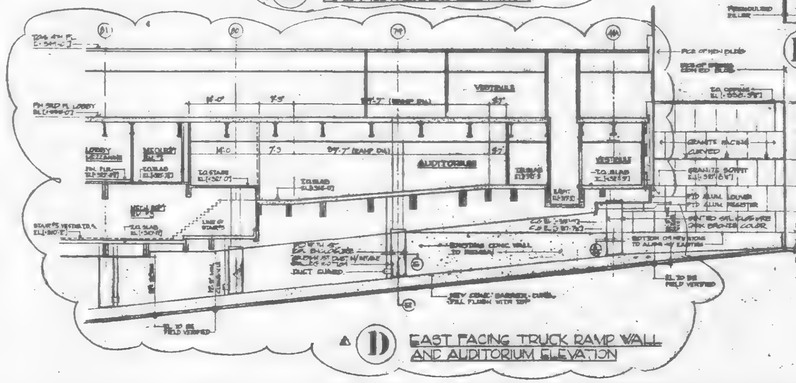
A NORTH FACING AUDITORIUM WALL AND TRUCK RAMP



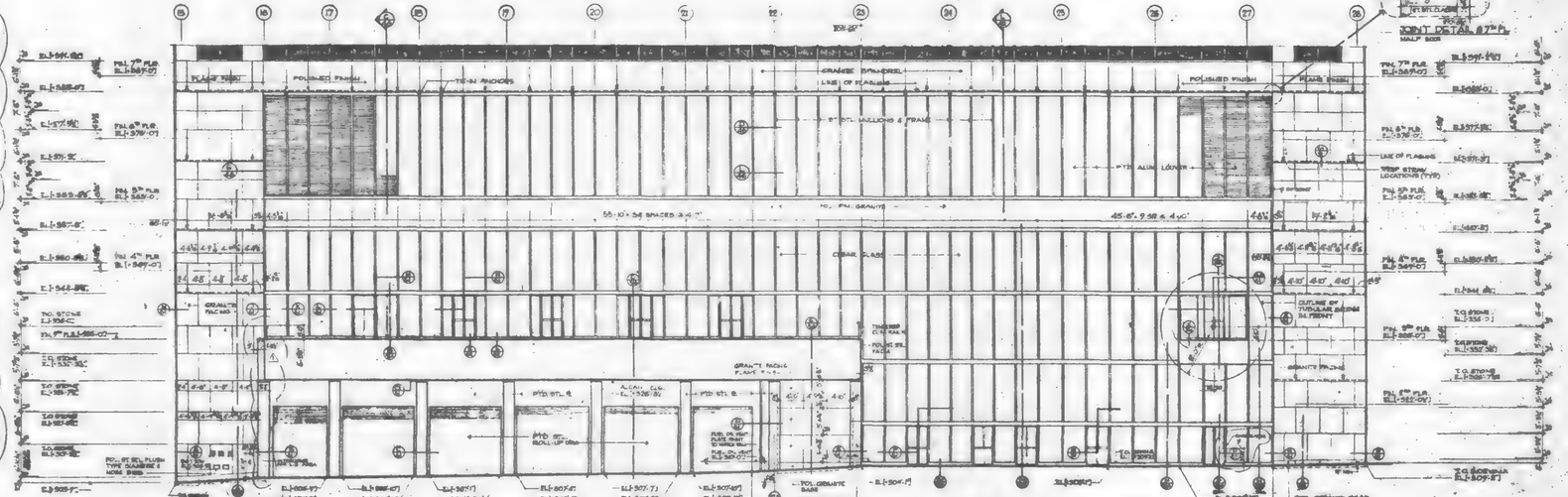
B INTERIOR FACE OF RAMP PORTAL ELEVATION



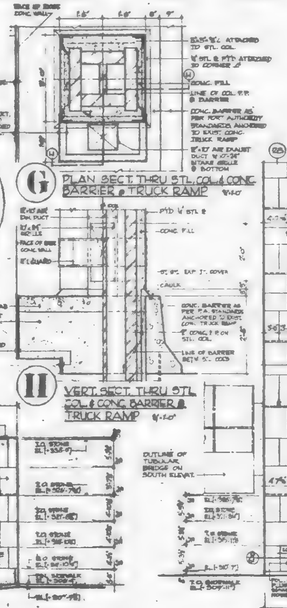
C WEST FACING TRUCK RAMP WALL AND AUDITORIUM ELEVATION



D EAST FACING TRUCK RAMP WALL AND AUDITORIUM ELEVATION

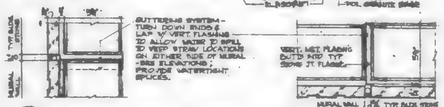


F SOUTH ELEVATION



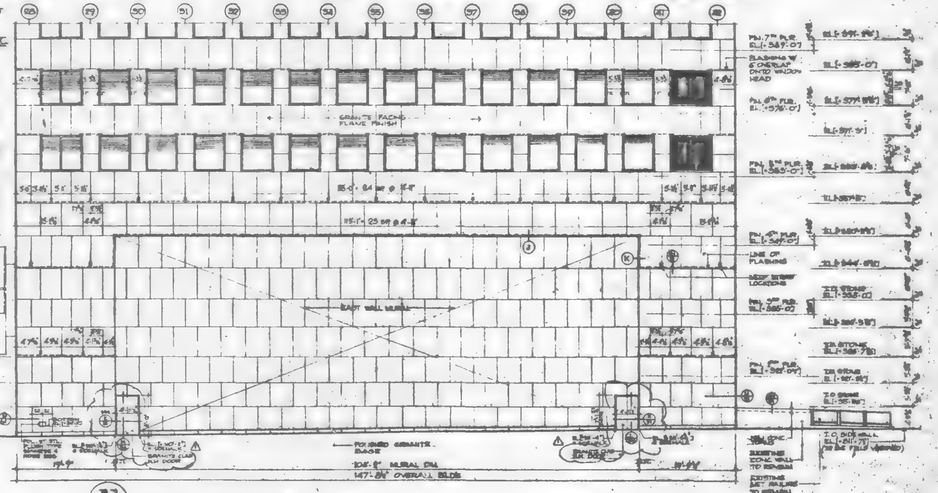
G PLAN SECT. THRU STL. COL. & CONC BARRIER @ TRUCK RAMP

H VERT. SECT. THRU STL. COL. & CONC BARRIER @ TRUCK RAMP

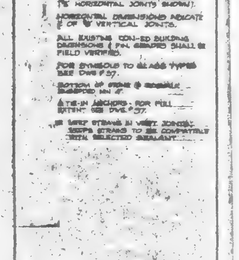


J FLASHING DETAIL @ HEAD OF MURAL @ EAST WALL

K FLASHING DETAIL @ MURAL JAMB



E EAST ELEVATION



JOINT DETAIL @ 7TH FL.

GENERAL NOTES:

VERTICAL DIMENSIONS INDICATE ACTUAL STONE SIZES & JOINTS (IE HORIZONTAL JOINTS SHOWN).

HORIZONTAL DIMENSIONS INDICATE ½ OF ½ VERTICAL JOINTS.

ALL EXISTING CONDITIONS BUILDING DIMENSIONS & P.N. GRADES SHALL BE FIELD VERIFIED.

FOR SYMBOLS TO BE ADDED TYPES SEE DWG #57.

BOTTOM OF STONE @ GRADE IS EMBEDDED MIN 4".

Δ TIE-IN ANCHORS - FOR FULL DETAIL SEE DWG #57.

IN MIRET STRAND IN VERT. JOINTS: SLEEPS STRAND TO BE COMPATIBLE WITH SELECTED SEALANT.

Δ	5-15-87	SECTIONS A, B, C & D REVISED DUE TO AUDITORIUM DESIGN
Δ	4-22-87	DOORS AT EAST SLOPE ALTERED, COLOR EXTENSION ADDED
	DATE	REVISIONS

BASE ELEVATIONS #2

7 WORLD TRADE CENTER 57 STORY OFFICE BUILDING

OWNED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

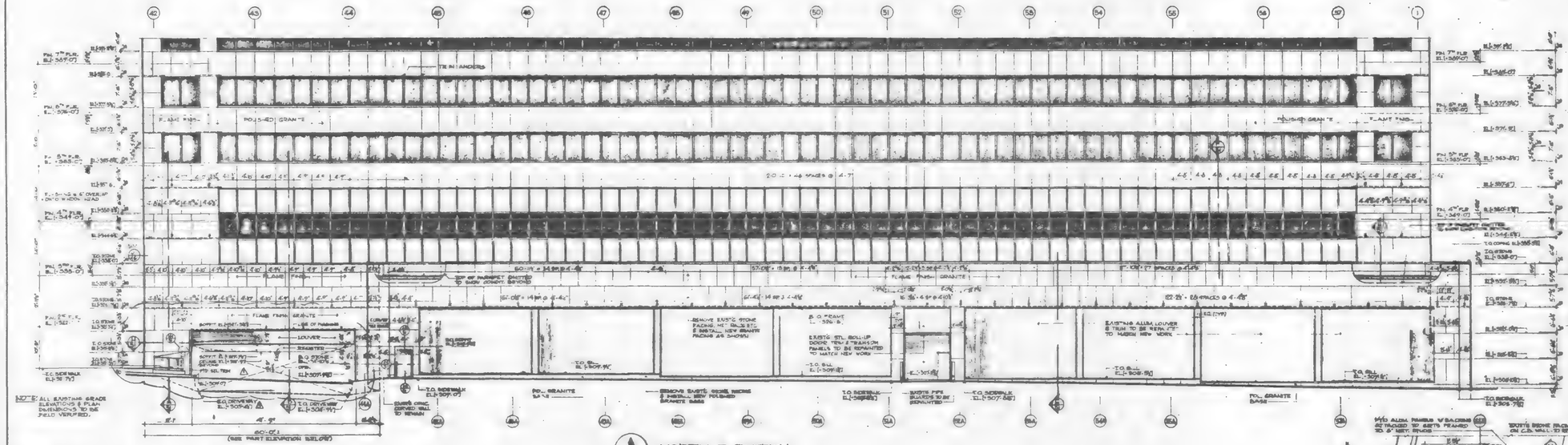
EMERY ROTH & SONS P.C.
ARCHITECTS
300 PARK AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
420 LEXINGTON AVENUE NEW YORK, N.Y. 10017

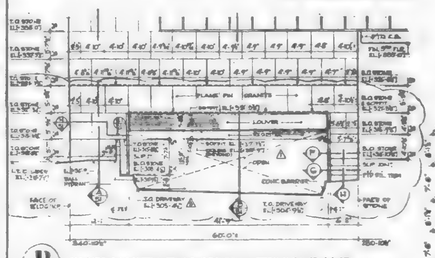
HYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: 9-21-86 SCALE 1/8"=1'-0" OR AS NOTED

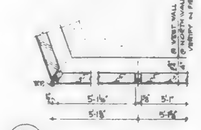
DRAWING NO. 50



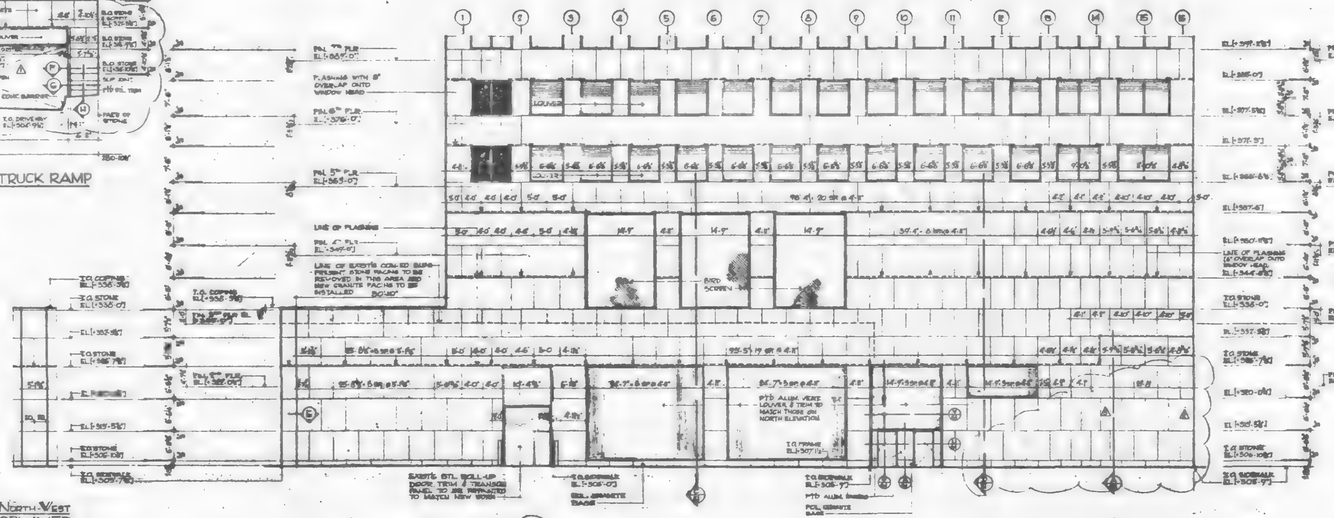
A NORTH ELEVATION



B PART NORTH ELEVATION @ TRUCK RAMP

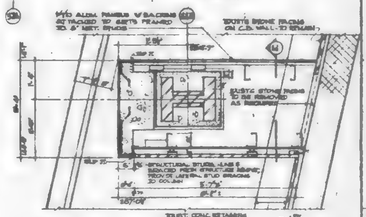


E CORNER DETAIL

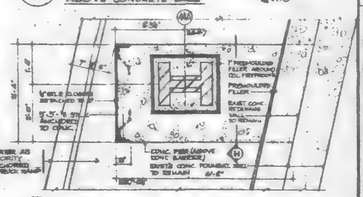


D WEST ELEVATION

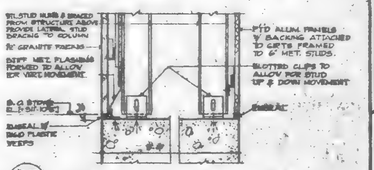
C NORTH-WEST SPLAYED CORNER



F PLAN SECT. THRU PIER @ COL. 44A
ABOVE CONCRETE WALL



G PLAN SECT. THRU PIER @ COL. 44A
THRU CONCRETE WALL



H VERT. SECT. THRU PIER @ COL. 44A

GENERAL NOTES:

VERTICAL DIMENSIONS INDICATE ACTUAL STONE SIZES AND JOINTS (NO HORIZONTAL JOINTS SHOWN).

HORIZONTAL DIMENSIONS INDICATE ½ OF 5/8" VERT. CAL. JOINTS.

ALL EXISTING CONFIRMED BUILDING DIMENSIONS & FIN. GRADES SHALL BE FIELD VERIFIED.

SEE SYMBOLS TO GLOSSARY TYPES SEE DWG #57.

3 T.W.-IN ANCHORS - FOR FULL EXTENT SEE DWG #57.

3 VERT HOLES - 5½ VERT JOINTS.

ALL EXISTING CONFIRMED BUILDING DIMENSIONS & FINISHED GRADES SHALL BE FIELD VERIFIED AND EVENTUAL NEW STONE DIMENSIONS SHALL BE RECOMMENTED.

5-18-87	WEST ELEVS.; SECT. A-44 ADDED PART NORTH ELEVATIONS A & B REV.
4-28-87	PART WEST ELEVATION 'D' REVISED; PLAZA STAIR AND ESCALATOR DR. 3-32
3-18-87	PART NORTH ELEVATIONS A, 43' ADDED AS PER ADDITION 4 DRAWING
DATE	REVISIONS

BASE ELEVATIONS #1

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
LOCATED AT
WEST STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

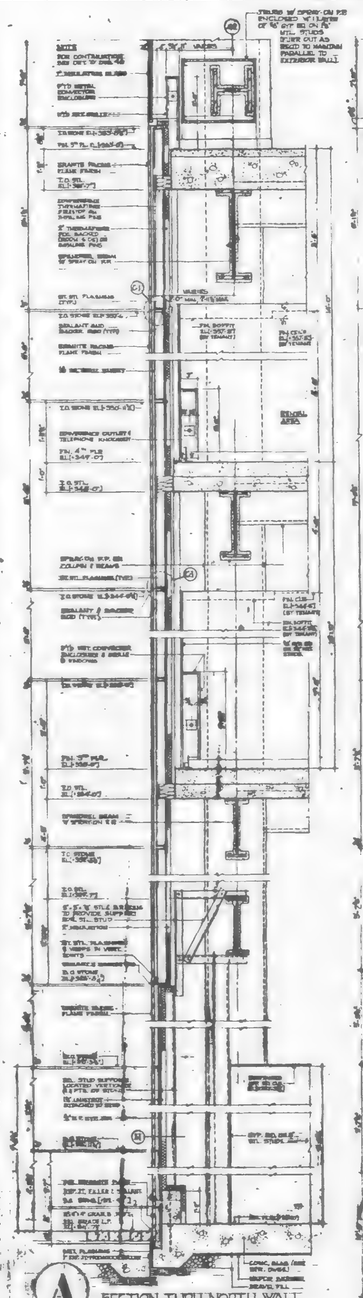
EMERY ROTH & SONS P.C.
ARCHITECTS
NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
NEW YORK, N.Y. 10022

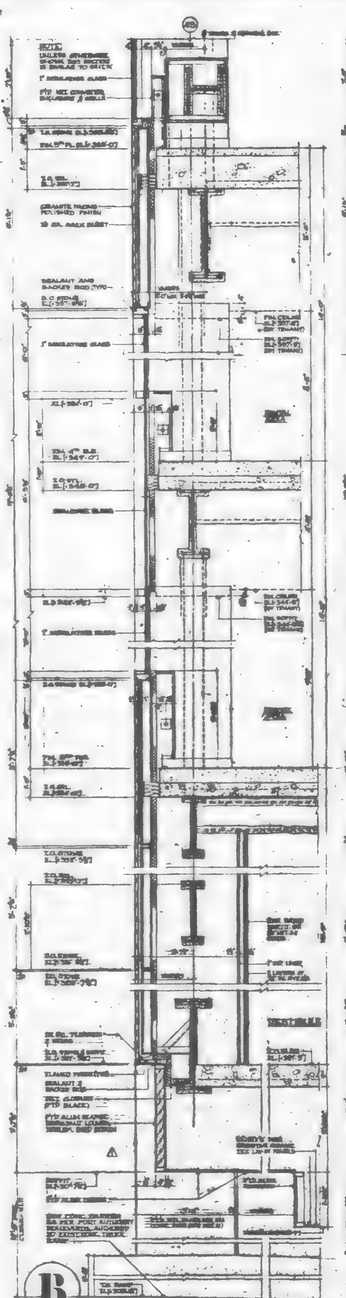
SYSKA & HENNESSY
ENGINEERING
NEW YORK, N.Y. 10036

DATE: OCT. 20, 1986 SCALE: 1/16"-0"
ALL NOTED

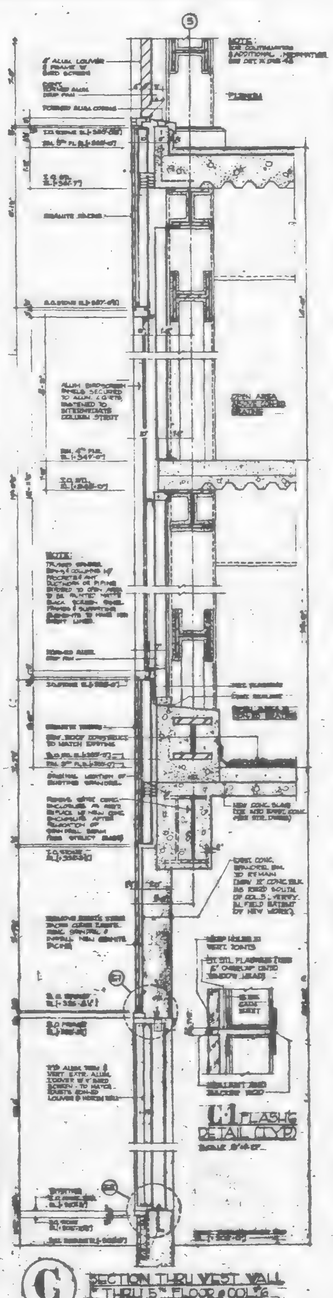
DWG. 49



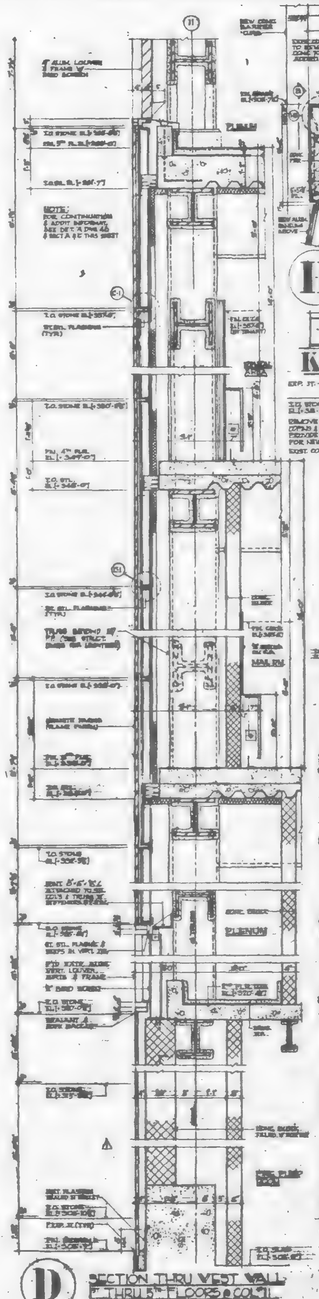
A SECTION THRU NORTH WALL
1ST THRU 5TH FLOORS @ COL. "42"



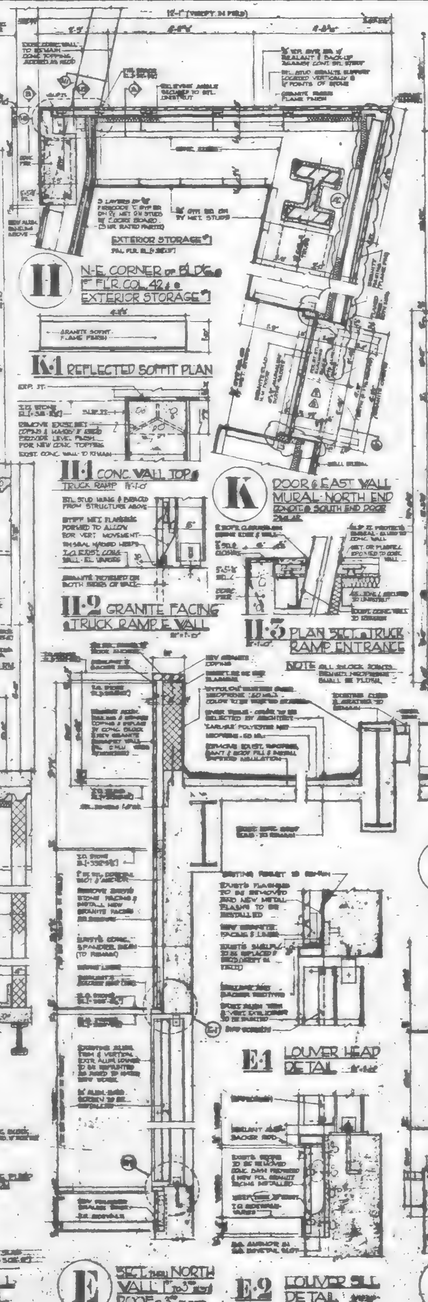
B SECT. THRU NORTH WALL @ COL. "43" & "44"



C SECTION THRU WEST WALL
1ST THRU 5TH FLOOR @ COL. "G"



D SECTION THRU WEST WALL
1ST THRU 5TH FLOORS @ COL. "L"



H N.E. CORNER OF BLDG. @ FLR. COL. 42 & EXTERIOR STORAGE

K-1 REFLECTED SOFFIT PLAN

H-1 CONC. WALL TOP @ TRUCK RAMP

H-2 GRANITE FACING @ TRUCK RAMP E. WALL

K DOOR @ EAST WALL MURAL - NORTH END CONCIER SOUTH END DOOR

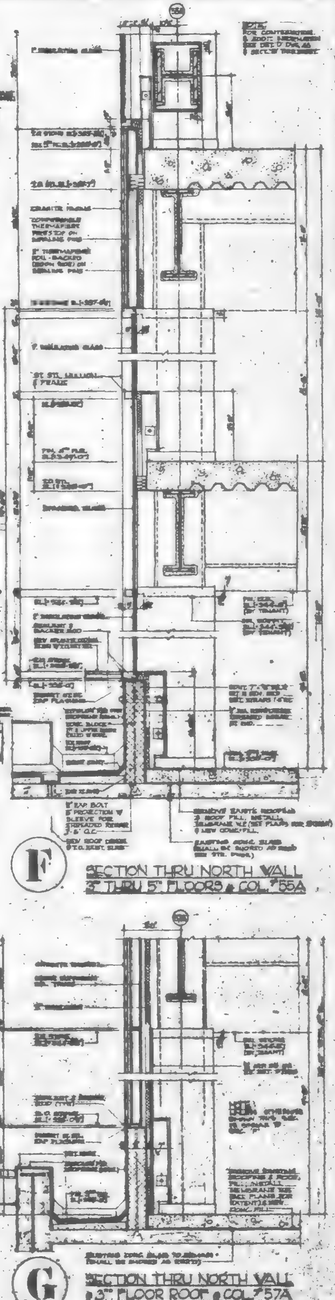
H-3 PLAN SECT. TRUCK RAMP ENTRANCE

NOTE: ALL SLICKER SCRATCH BRUSHED, MECHANICALLY SMALL BE FLORAL

E SECT. THRU NORTH WALL @ 5TH FLOOR & 5TH ROOF

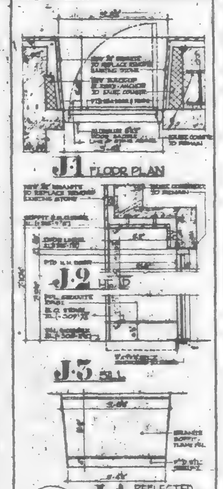
E-1 LOUVER HEAD DETAIL

E-2 LOUVER SILL DETAIL



F SECTION THRU NORTH WALL
3RD THRU 5TH FLOORS @ COL. "55A"

G SECTION THRU NORTH WALL
3RD FLOOR ROOF @ COL. "57A"



J-1 FLOOR PLAN

J-2 HEAD

J-3 SILL

J-4 REFLECTED CEILING PLAN

J DOOR DET. @ CONC. N.E. CORNER STAIR

GENERAL NOTES

ALL EXISTING CONDITIONS, DIMENSIONS & FIN. GRADES SHALL BE FIELD VERIFIED.

BOTTOM OF STONE @ SIDEWALK TO BE EMBEDDED WALL "A".

PROVIDE EXPANSION JOINT AT PERIMETER METALS.

1	6-12-87	REMOVE WALL DOOR GRANITE JAMB REVISE CONCRETE WITH PITCH ALIGNMENT
2	9-11-87	ADD CONC. AT SILL DOOR
3	10-9-87	CONC. WALL CHANGED TO GRANITE
4	2-18-88	ADDITION OF PLANTER STRIP @ EXISTING CONC. WALL - CHANGED TO 8" BRICK & 4" - CHANGED TO 8" PLANTS TO BE INSTALLED
5		ADDITION 5" DEEP SLAB AS PER
6		ADDITIONAL DETAILS

DATE REVISIONS

BASE DETAILS

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
located at
VESEY STREET AND WASHINGTON STREET AND WEST BROADWAY NEW YORK

EMERY ROTH & SONS P.C.
ARCHITECTS
NEW YORK, N.Y. 10022

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IRWIN G. CANTOR P.C.
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NEW YORK, N.Y. 10022

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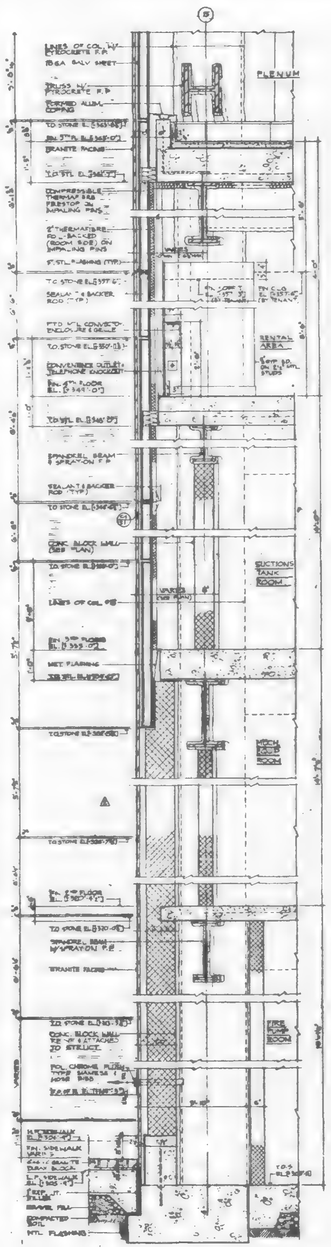
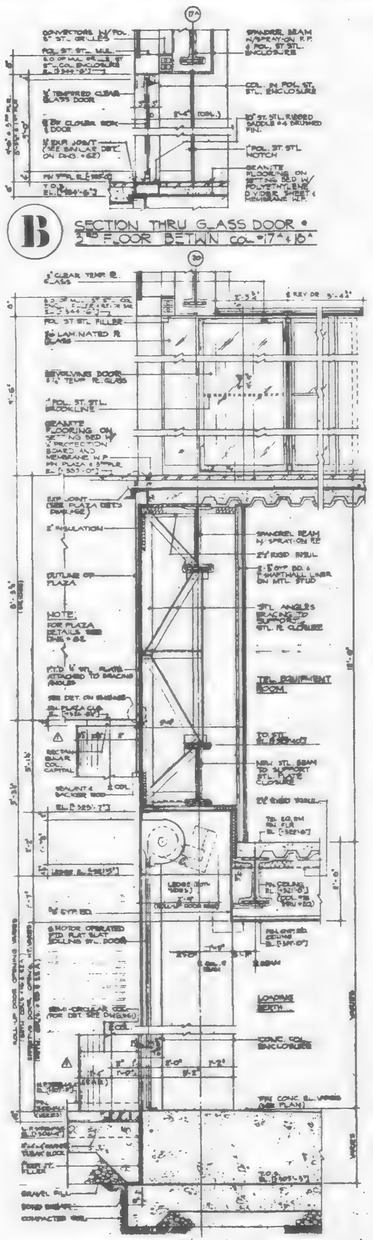
ENGINEERS
NEW YORK, N.Y. 10022

DATE: MAY 20, 1986 SCALE: 1/4"=1'-0" AS NOTED

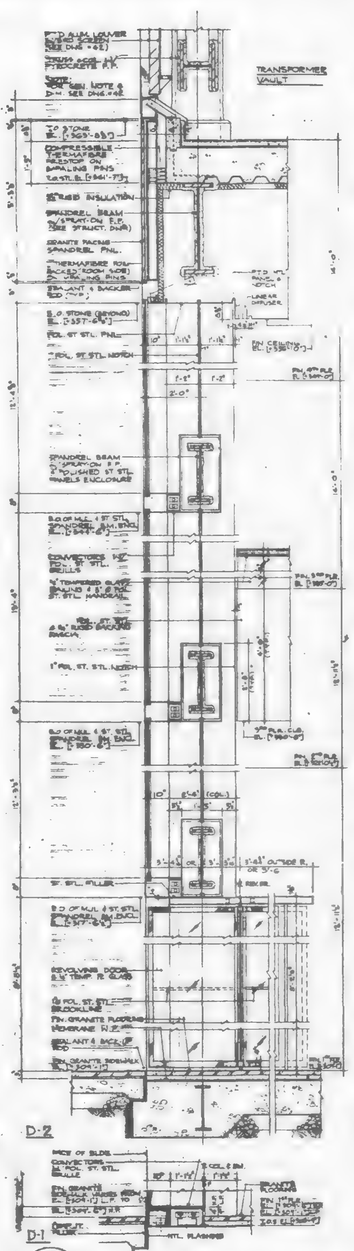
DWG. 51



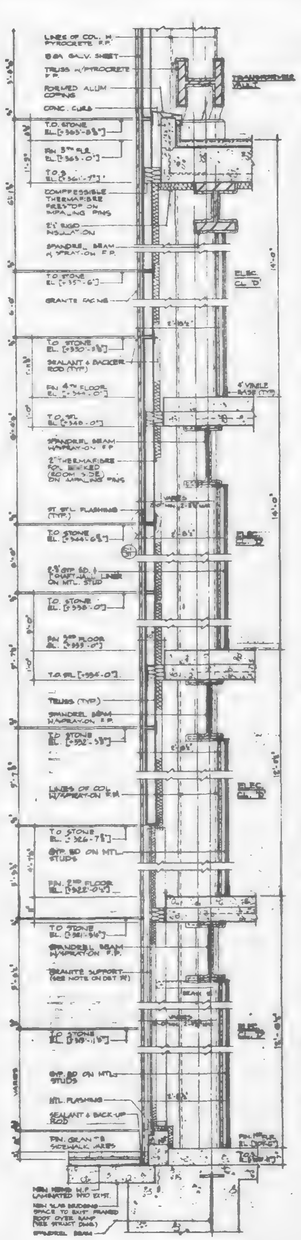
A SECTION THRU SOUTH WALL @ 1ST THRU 5TH FLRS. BETWN COL. 15 & 16



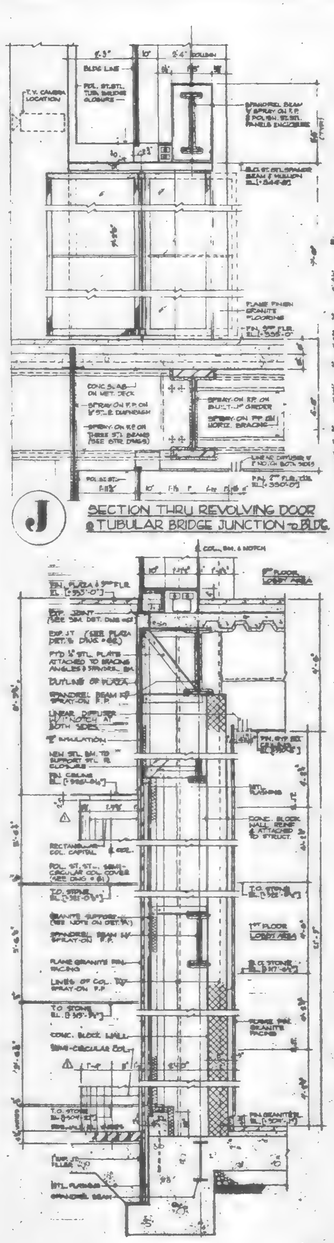
C SECTION THRU SOUTH WALL @ LOADING BERTH & REVOLVING DOOR BETWN COL. 20 & 21



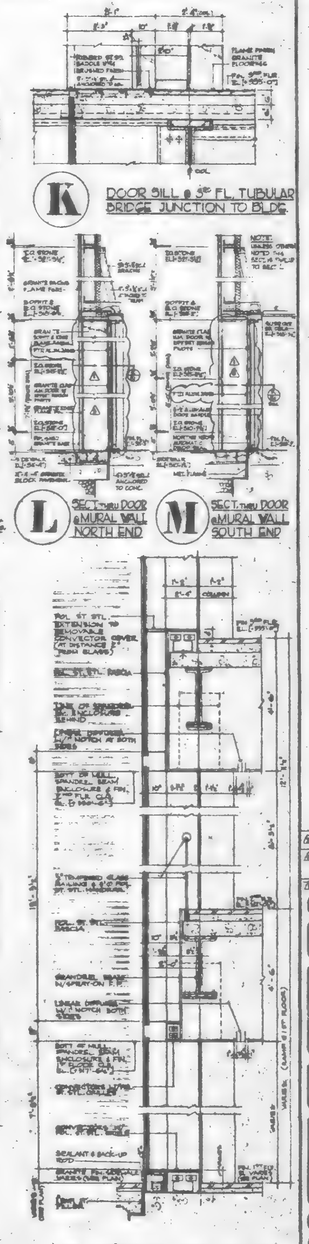
D SECTION THRU SOUTH WALL BETWEEN COL. 23A & 24A & 25A @ 1ST FLOOR LOBBY



E SECTION THRU SOUTH WALL BETWEEN COL. 27A & 25 @ 1ST THRU 5TH FLOORS



G SECTION THRU SOUTH WALL BETWEEN COL. 22A & 23A @ 1ST FLOOR LOBBY



H SECTION THRU SOUTH WALL BETWEEN COL. 26 & TUBULAR BRIDGE @ 1ST THRU 3RD FLOOR LOBBY

K DOOR SILL @ 3RD FL. TUBULAR BRIDGE JUNCTION TO BLDG.

J SECTION THRU REVOLVING DOOR @ TUBULAR BRIDGE JUNCTION TO BLDG.

L SECT. THRU DOOR @ MURAL WALL NORTH END

M SECT. THRU DOOR @ MURAL WALL SOUTH END

3	8-13-87	MURAL WALL DOOR GRANITE SILLS REVISED WITH PTD ALUM. INFILL
2	5-1-87	SECT. THRU PLAZA & PERIMETER @ 8TH FL. DELETED AS A REF. ACT. 5TH TENANT (O.C.C.B.) ADDED. CHANGED TO 8TH FL.
1	4-21-87	ADDED @ 8TH FL. ELEV. & SUB-BASE @ MURAL WALL
DATE		7PW130148

BASE DETAILS #2

7 WORLD TRADE CENTER
(52 STORY OFFICE BUILDING)

OWNED BY
VESEY STREET AND BROADWAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

EMERY ROTH & SONS P.C.
ARCHITECTS
300 THIRD AVENUE NEW YORK, N.Y. 10022

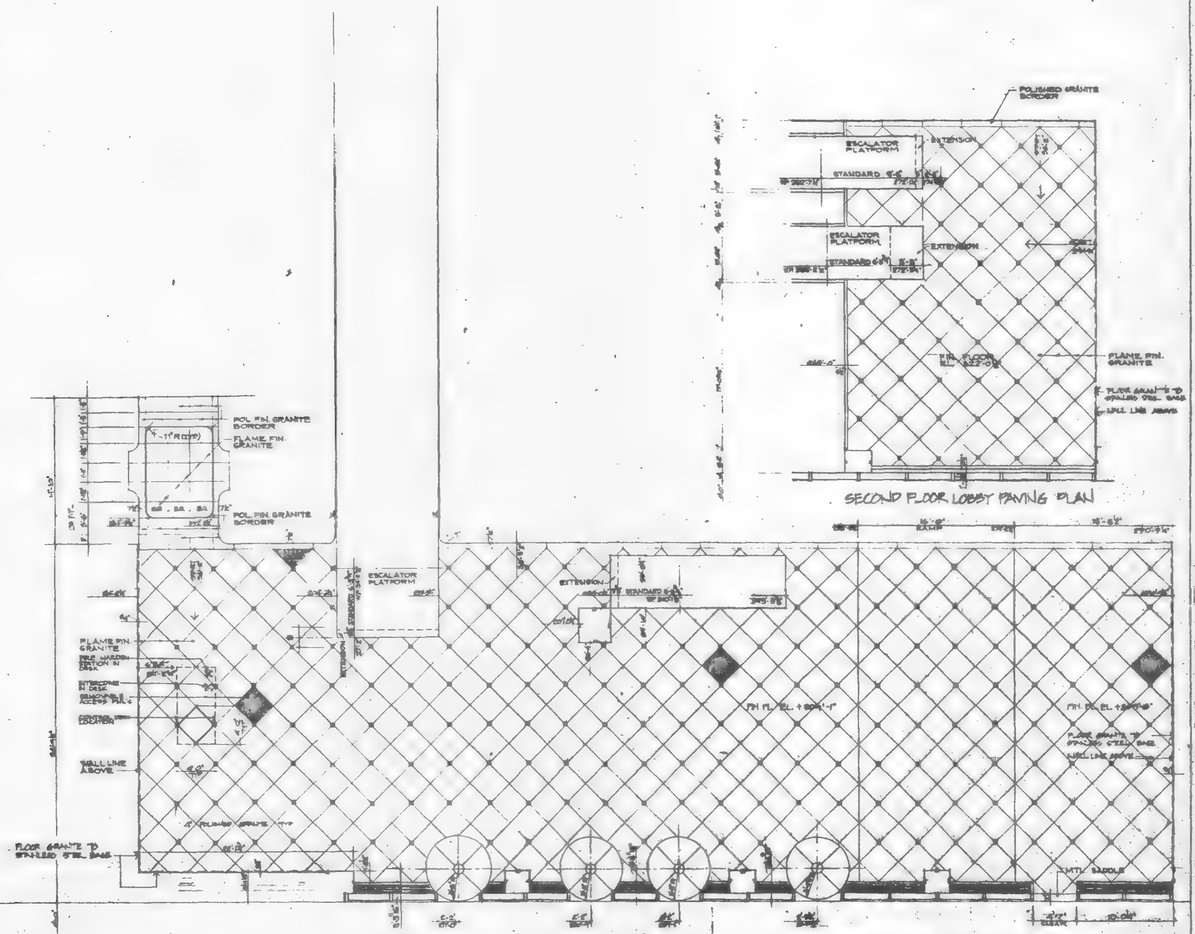
THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
300 THIRD AVENUE NEW YORK, N.Y. 10022

BYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: SEPT. 1987 FINAL SCALE: 1/4"=1'-0"

SHEET 51A

SECOND FLOOR LOBBY PAVING PLAN



FIRST FLOOR LOBBY PAVING PLAN

DATE	REVISIONS

FIRST AND SECOND FLOOR LOBBY PAVING PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

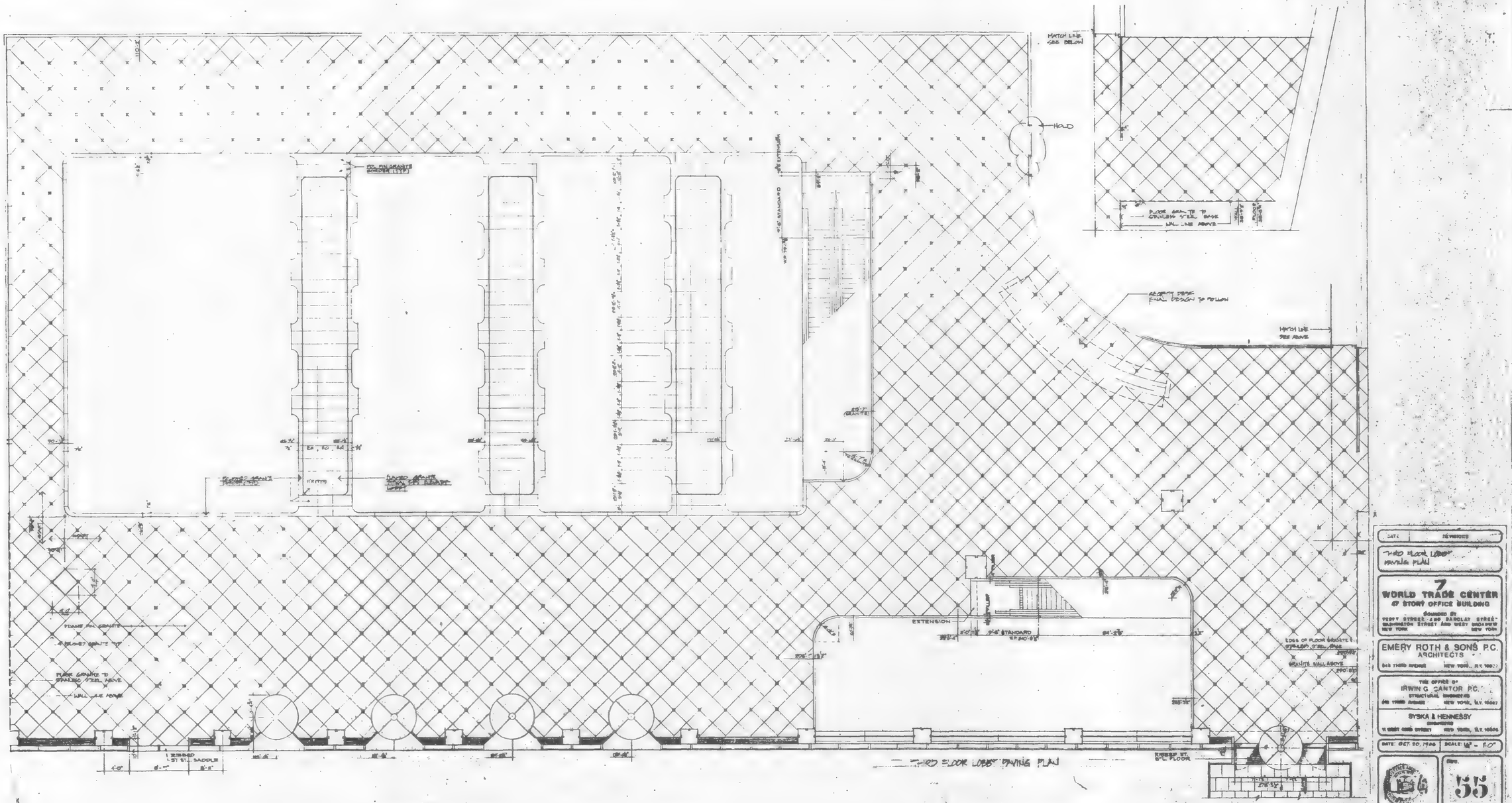
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
640 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERING
7 WEST 42nd STREET NEW YORK, N.Y. 10036

DATE: OCT 20, 1966 SCALE: 1/4" = 1'-0"

DWG. 54



DATE: REVISIONS

THIRD FLOOR LOBBY PAVING PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
SITUATED BY
VESEY STREET, 4 AND BARCLAY STREET, WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

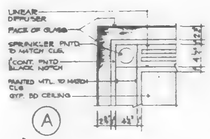
EMERY ROTH & SONS P.C.
ARCHITECTS
645 THIRD AVENUE NEW YORK, N.Y. 10017

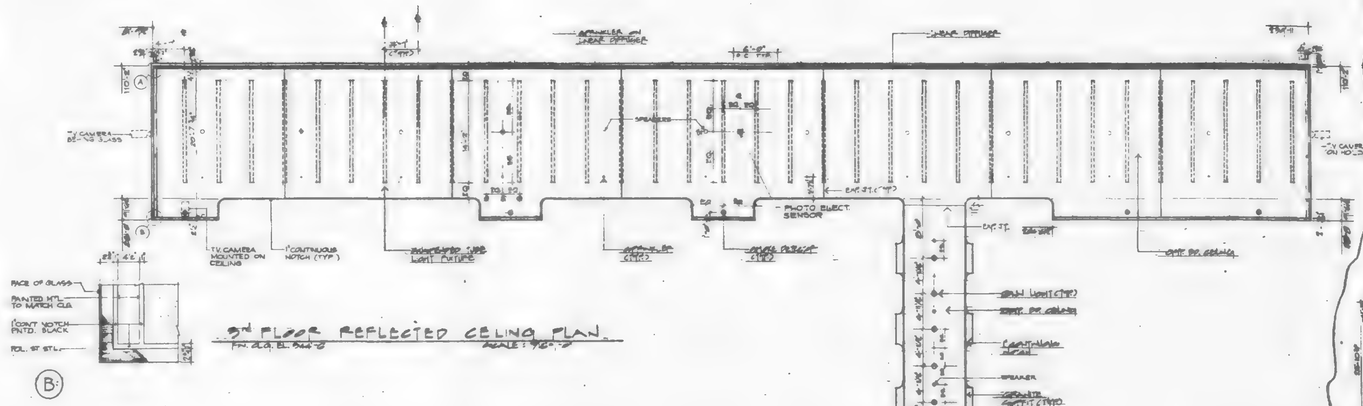
THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
645 THIRD AVENUE NEW YORK, N.Y. 10017

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

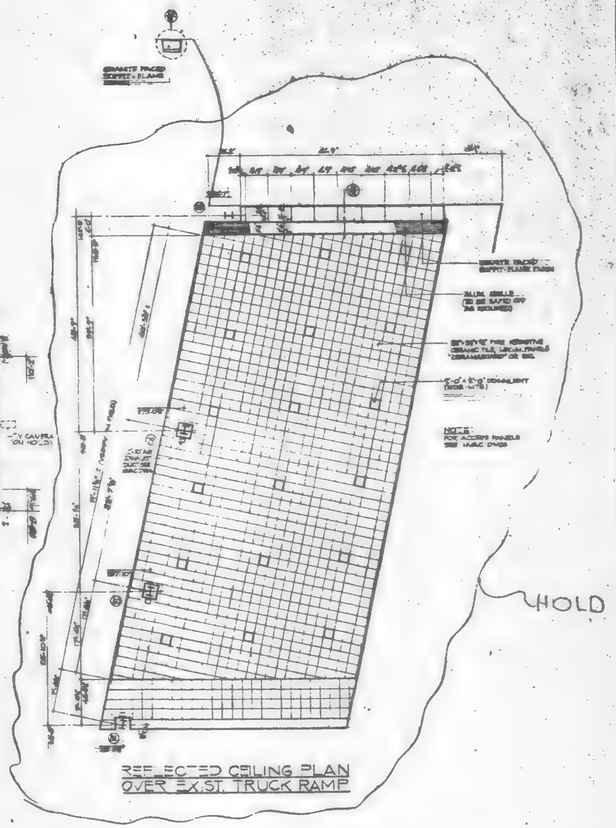
DATE: OCT. 20, 1986 SCALE: 1/4" = 1'-0"

DWG. 55

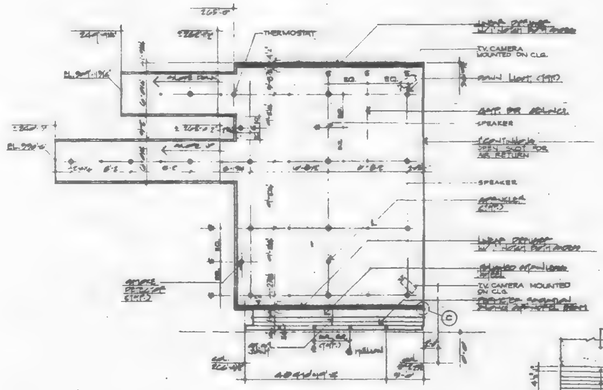




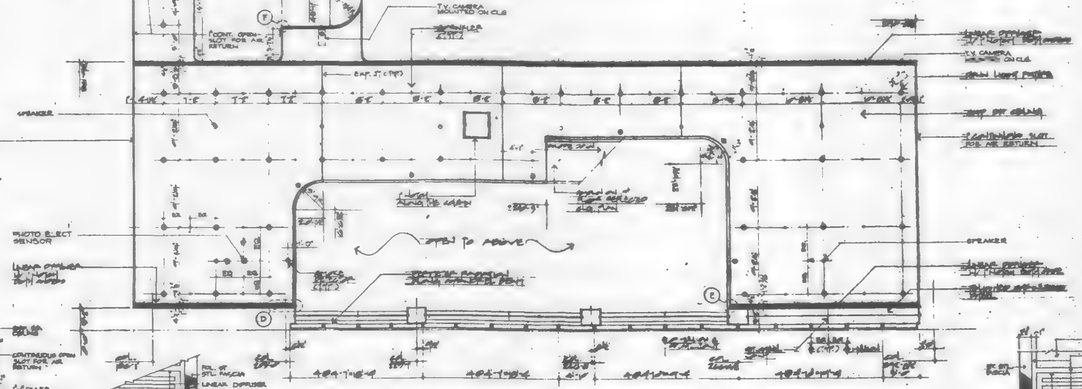
2nd FLOOR REFLECTED CEILING PLAN



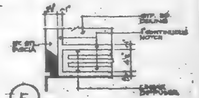
REFLECTED CEILING PLAN OVER EX.ST. TRUCK RAMP



1st FLOOR REFLECTED CEILING PLAN



2nd FLOOR REFLECTED CEILING PLAN



GENERAL NOTES:

1. ALL EXISTING CONDITIONS AND DIMENSIONS SHALL BE FIELD VERIFIED.

DATE | REVISIONS

2nd & 3rd FLOOR REFLECTED C.E. PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
located at
VESEY STREET AND GREENLAW STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

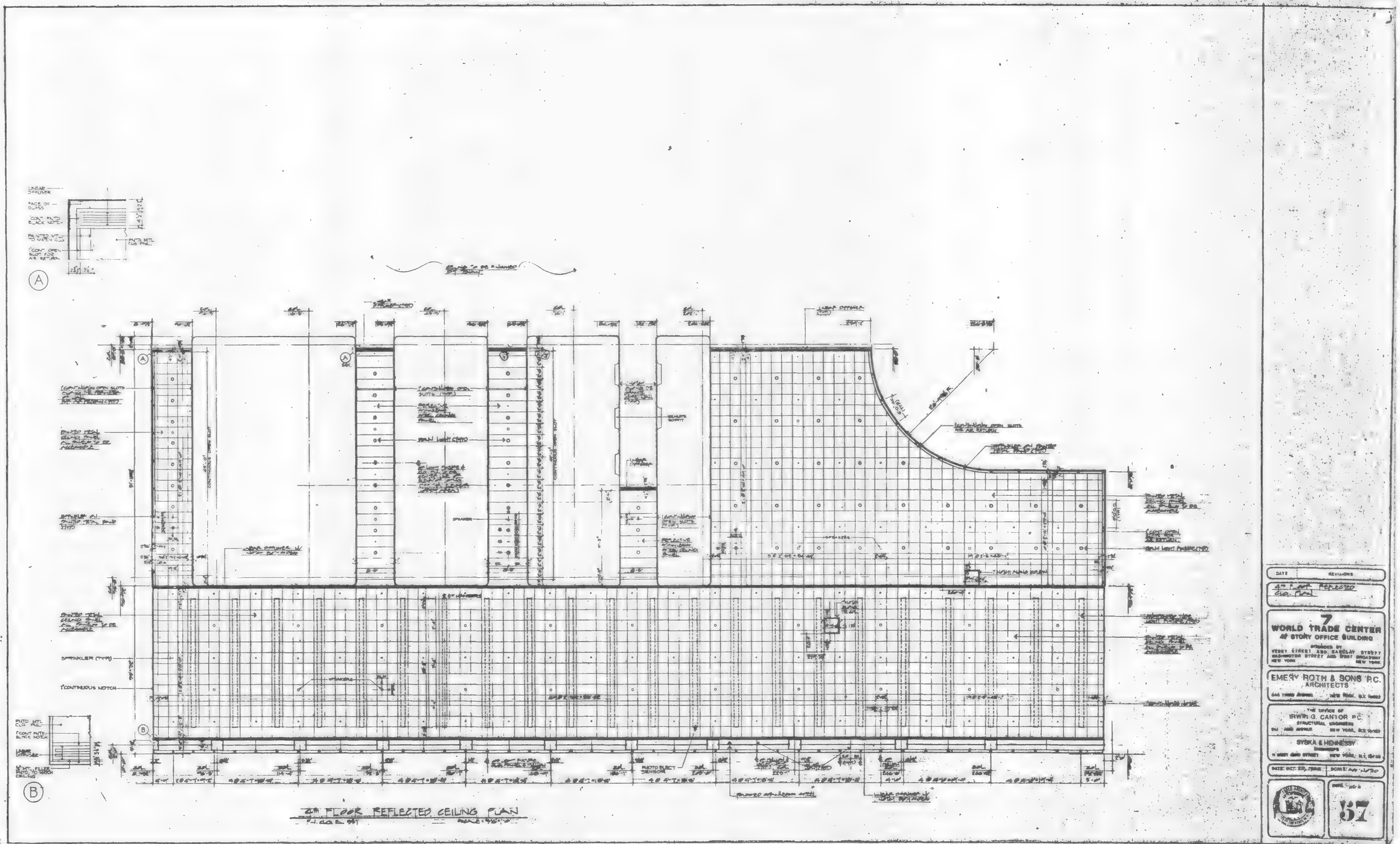
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
590 THIRD AVENUE NEW YORK, N.Y. 10022

EYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: 11 D.C. 30, 1966 | SCALE: AS NOTED

DWG. 56



DATE | REVISIONS

4TH FLOOR REFLECTED CEIL. PLAN

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

OWNED BY
VESEY STREET AND BARCLAY STREETS
WASHINGTON STREET AND WEST BROADWAY
NEW YORK

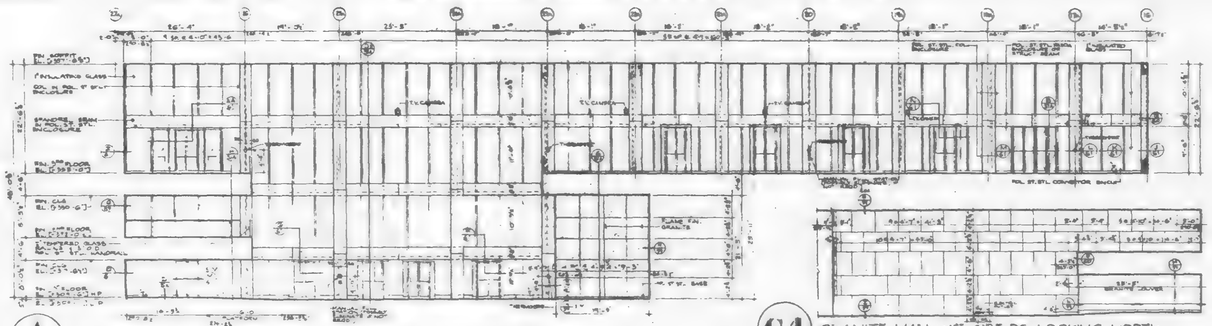
EMERY ROTH & SONS P.C.
ARCHITECTS
640 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF
IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
594 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

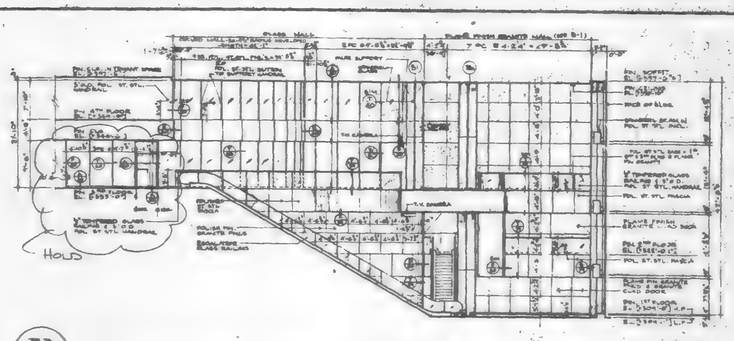
DATE: OCT. 22, 1968 | SCALE: AS NOTED

SHEET NO. 37

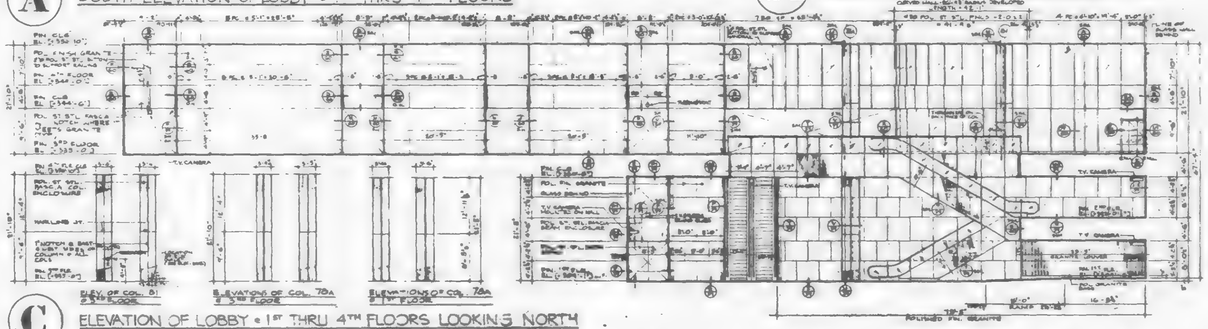


A SOUTH ELEVATION OF LOBBY @ 1ST THRU 4TH FLOORS

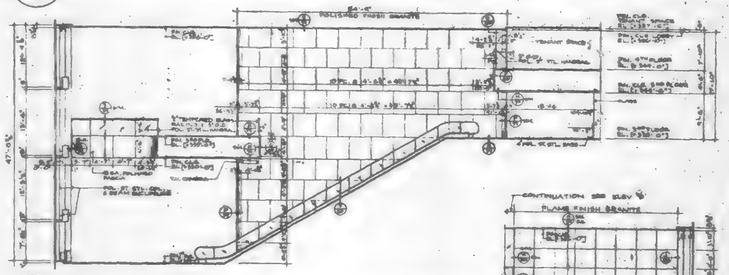
C-1 GRANITE WALL @ 1ST & 2ND FLRS. LOOKING NORTH



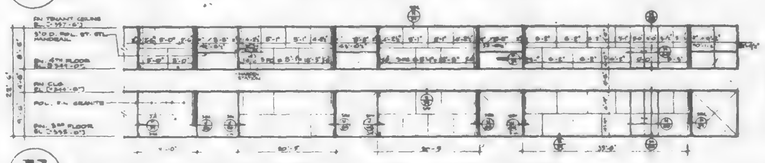
B ELEVATION OF LOBBY @ 1ST THRU 4TH FLOORS



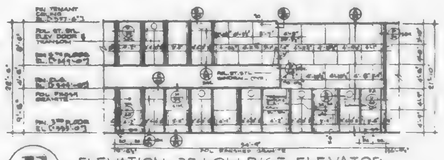
C ELEVATION OF LOBBY @ 1ST THRU 4TH FLOORS LOOKING NORTH



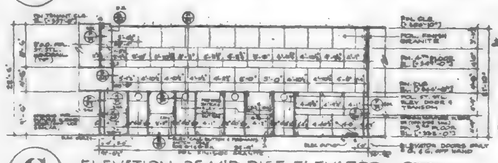
D ELEVATION OF CORE @ 1ST THRU 4TH FLRS. LOOKING WEST



E ELEVATION OF CORE @ 3RD & 4TH FLOORS LOOKING SOUTH

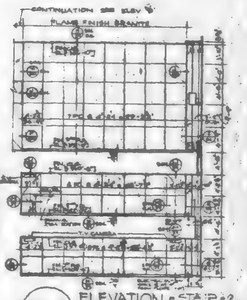


F ELEVATION OF LOW RISE ELEVATOR LOBBY @ 3RD & 4TH FLOORS LOOKING EAST

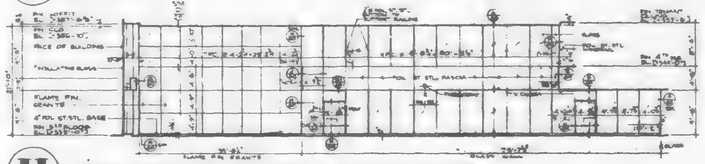


G ELEVATION OF MID RISE ELEVATOR LOBBY @ 3RD & 4TH FLOORS LOOKING EAST

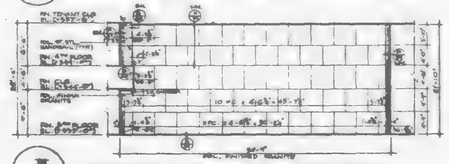
G-1 SEE NOTE & KEY PLAN



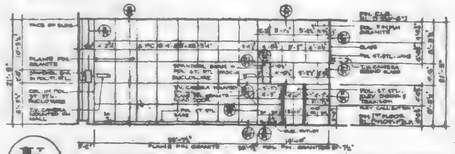
B-1 ELEVATION @ STAIR #2 & ELEC. CLOSET 'D' @ 1ST THRU 4TH LOOKING EAST



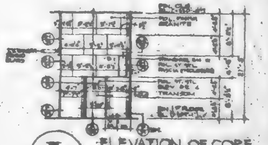
H WEST ELEVATION OF LOBBY @ 3RD & 4TH FLOORS



J ELEVATION OF CORE @ 3RD & 4TH FLOORS LOOKING EAST

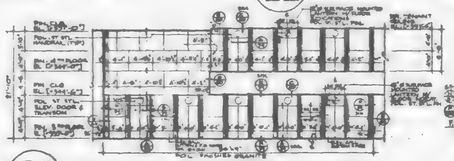


K ELEVATION OF CORE @ 1ST FLR LOOKING WEST

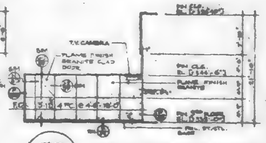


L ELEVATION OF CORE @ 1ST FLOOR LOBBY LOOKING EAST

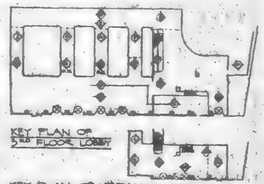
M NORTH ELEVATION OF 3RD FLOOR LOBBY



N ELEVATION OF LOW RISE ELEVATOR LOBBY @ 3RD & 4TH FLOORS LOOKING WEST



P GRANITE WALL @ STAIR #2 @ VEST. @ 3RD FLR. LOOKING SOUTH



KEY PLAN OF 3RD FLOOR LOBBY

KEY PLAN OF 1ST FLOOR LOBBY

GENERAL NOTES:

N.A. — GRANITE PROJECTS 3 ABOVE P.N. 281.N3 & BELOW P.N. 1 FLOOR

LOBBY INTERIOR ELEVATIONS

7 WORLD TRADE CENTER 47 STORY OFFICE BUILDING

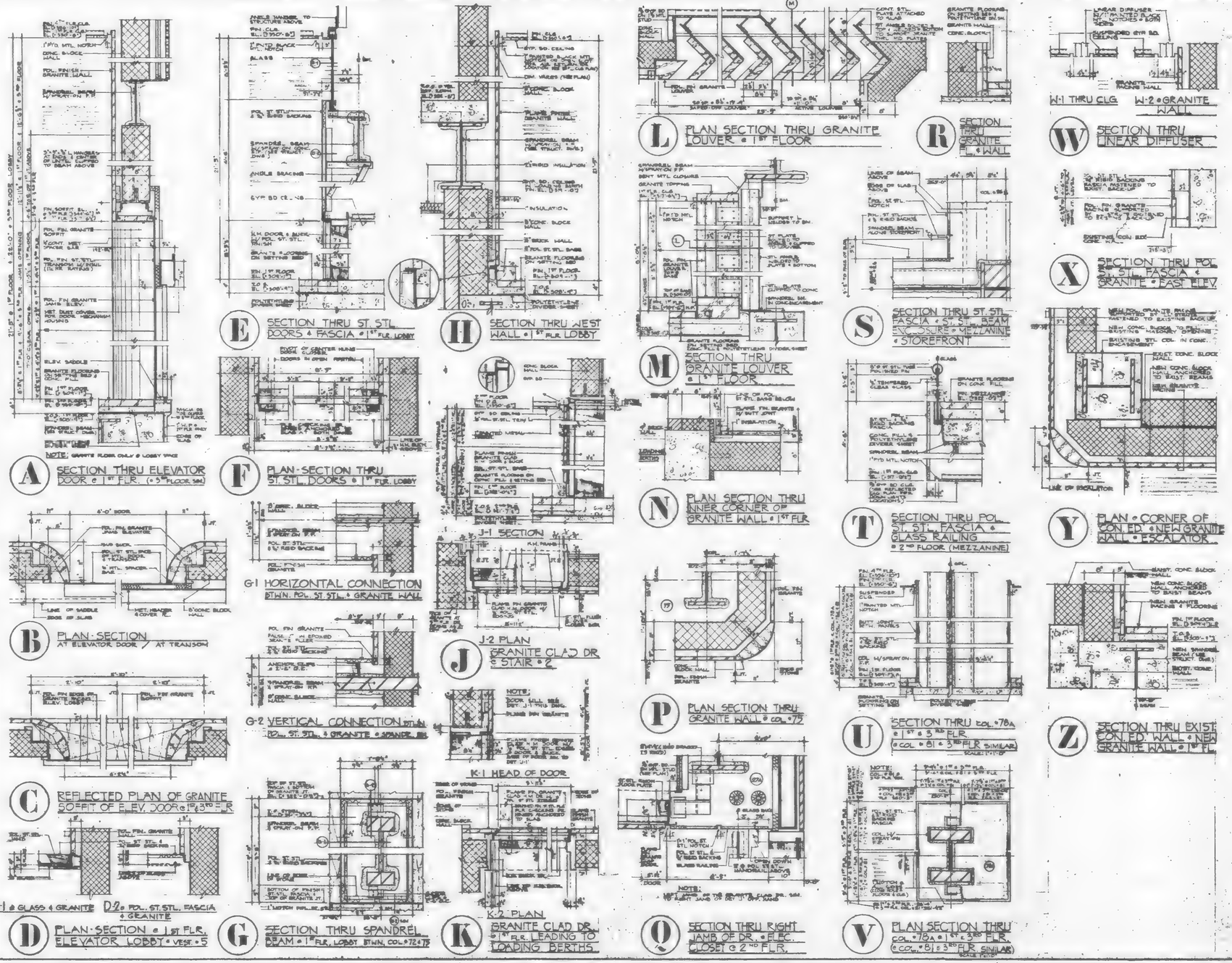
EMERY ROTH & SONS P.C. ARCHITECTS

THE OFFICE OF IRWIN G. CANTOR P.E. STRUCTURAL ENGINEERS

SYSKA & HENNESSY ENGINEERS

DATE: OCT. 28, 1968 SCALE: 1/4"=1'-0"

PROJ. 68



LOBBY DETAILS-1

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

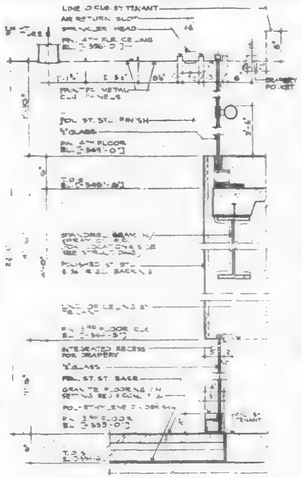
EMERY ROTH & SONS P.C.
ARCHITECTS

IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS

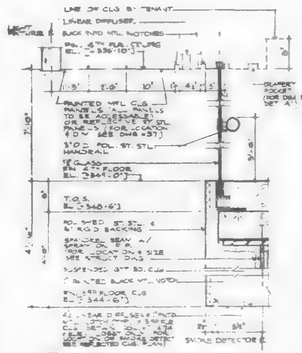
SYSKA & HENNESSY
ENGINEERS

SCALE 1/4"=1'-0"

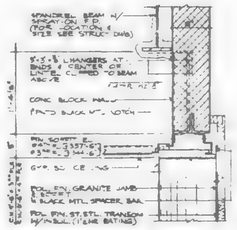
59



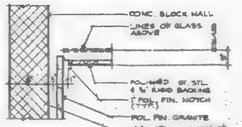
A SECTION THRU WEST WALL @ 3RD & 4TH FLOORS @ EAST & CURVED W/LL S.M.



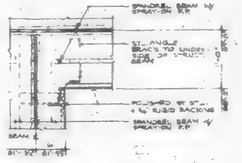
B SECTION THRU GLASS & ST. STL. FASCIA @ 3RD FLOOR E.E.V. LOBBY



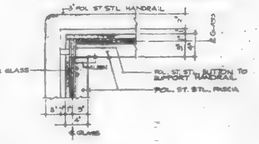
C SECTION THRU TRANSOM @ E.E.V. DR.



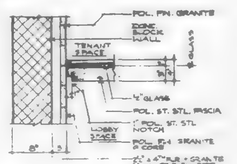
D SECTION THRU ST. STL. FASCIA & GRANITE



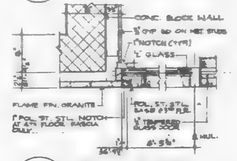
E SECTION THRU ST. STL. FASCIAS @ 3RD FL. E.E.V. LOBBY



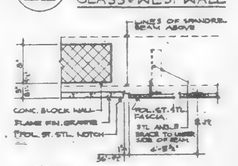
F SECTION THRU GLASS CORNER @ 3RD & 4TH FLOORS



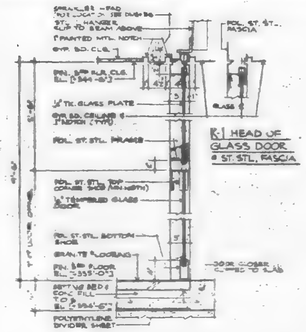
G SECTION THRU GLASS & GRANITE WALL @ 4TH FLOOR



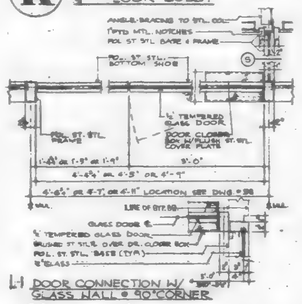
H SECTION THRU GRANITE WALL & GLASS @ WEST WALL



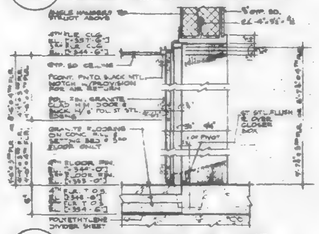
J SECTION THRU GRANITE WALL @ ST. STL. FASCIA @ WEST WALL LOBBY



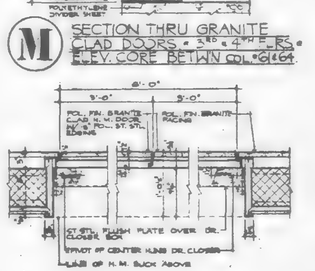
K SECTION THRU GLASS DOOR @ 3RD FLOOR LOBBY



L DOOR CONNECTION W/ GLASS WALL @ 90° CORNER

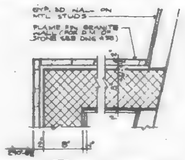


L PLAN SECTION THRU GLASS DOOR @ 3RD FLOOR LOBBY

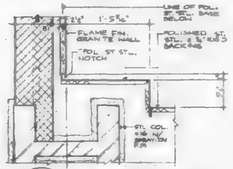


M SECTION THRU GRANITE CLAD DOORS @ 3RD & 4TH FLRS @ ELEV. CORE BETWN COL.S G & 64

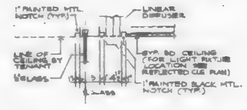
N PLAN SECTION THRU GRANITE CLAD DR. @ 3RD & 4TH FLRS @ ELEVATOR CORE BETWEEN COL.S G & 64



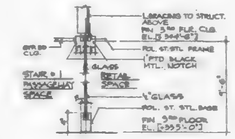
P GRANITE WALL @ VESTIBULE AREA @ 3RD FLOOR LOBBY



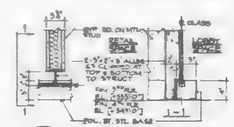
Q GRANITE WALL @ POL. ST. STL. COL. & BEAM ENCLOSURE @ 3RD FL. @ COL. @ G



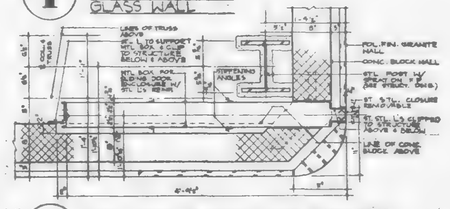
R SECTION THRU CLG @ GLASS WALL @ 3RD FLOOR LOBBY



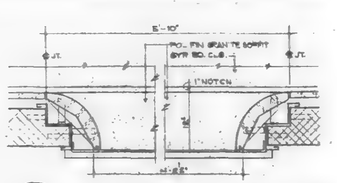
S SECTION THRU GLASS PARTITION BTWN PASSAGEWAY & RETAIL SPACE @ 3RD FLOOR @ COL. @ 58C



T TYP CONNECTION BTWN. GTP. BD. & GLASS WALL

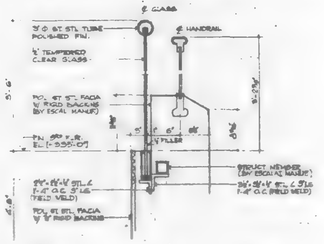


U PART PLAN OF SOUTH CORE W/FUTURE SECURITY SLIDING DOOR BOX @ 3RD FLR. LOBBY (OPP. SIDE & NORTH SIDE OF CORE SIMILAR)

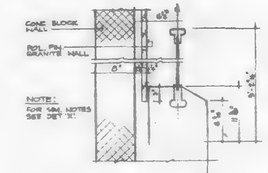


V REFLECTED PLAN OF GRANITE SOFFIT OF ELEV. DOOR @ 3RD & 4TH FLR.

W END MULLION @ GLASS WALL @ 3RD FLOOR LOBBY



X SECT. THRU GLASS RAILING AT 3RD FLOOR AT ESCALATORS' UPPER LANDING



Y SECTION THRU ESCALATOR #1 & GRANITE WALL (ESCALATOR #2 SIMILAR OPP. HAND)

LOBBY DETAILS • 2

7 WORLD TRADE CENTER
110 STORY OFFICE BUILDING

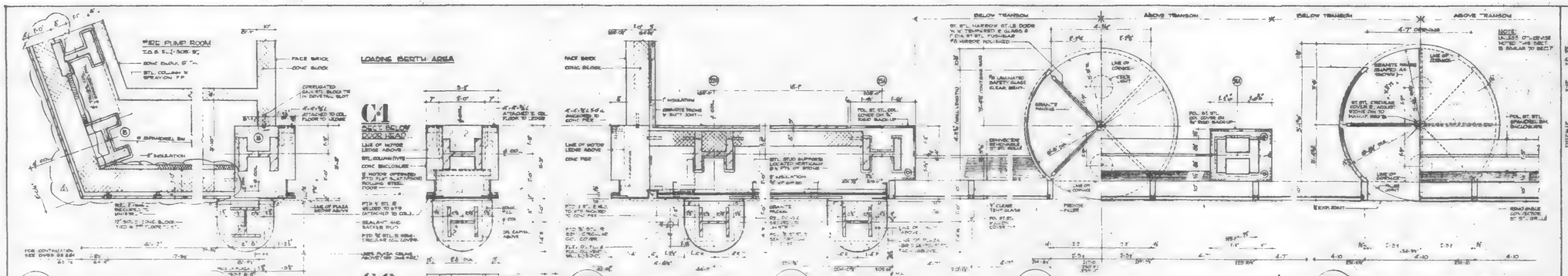
EMERY ROTH & SONS P.C.
ARCHITECTS

THE FIRM OF
IRVING GAYTER P.C.
STRUCTURAL ENGINEERS

SYSKA & HENNESSY
ENGINEERS

DATE: DEC. 20, 1968 SCALE: 1/4"=1'-0"

60



A PLAN SECT. of S.W. CORNER @ 1ST FL. COL. 15

B PLAN SECT. @ LOADG BERTH @ 1ST FL. COL. 16

C1 SECT. BELOW DOOR HEAD

C2 SECT. ABOVE DOOR HEAD

C PLAN SECT. @ INTERMEDIATE LOADG BERTH & BRIDGE COL.

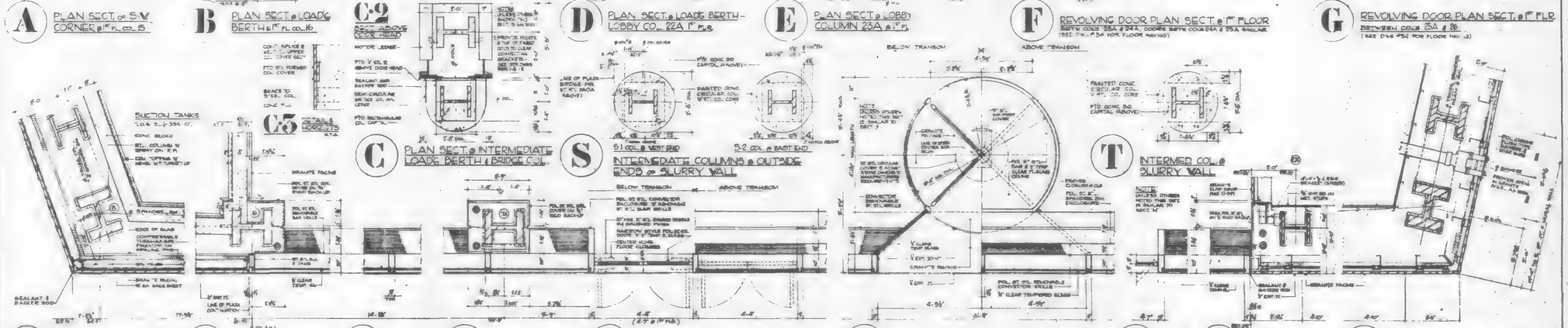
D PLAN SECT. @ LOADG BERTH - LOBBY CO. 22A @ 1ST FL.

E PLAN SECT. @ LOBBY COLUMN 23A @ 1ST FL.

F REVOLVING DOOR PLAN SECT. @ 1ST FLOOR BETW. COLS 23A & 24A, DOORS BETW. COLS 24A & 25A - SIMILAR (SEE DWG #54 FOR FLOOR PAVING)

G REVOLVING DOOR PLAN SECT. @ 1ST FLR BETWEEN COLS 23A & 24A (SEE DWG #54 FOR FLOOR PAV.)

C4 SECT. BELOW DR. BASE @ COL. 16 & 17



H PLAN SECT. @ S.W. CORNER @ 3RD FL. CO. 15

J PLAN SECT. @ 3RD FL. CO. 15 (SEE DET. 'B' ON DWG 62 FOR REVISION AT PLAZA)

K TYP. MULL

L PLAN SECT. @ 3RD FL. COL. 17A

M PLAN SECT. THRU GLASS DOOR @ 2ND FLOOR PLAZA BET'W. COLS 17A & 18A (DOOR @ 1ST FLOOR BETW. COLS 16A & 17A SIM.)

S INTERMEDIATE COLUMNS @ OUTSIDE ENDS OF SLURRY WALL

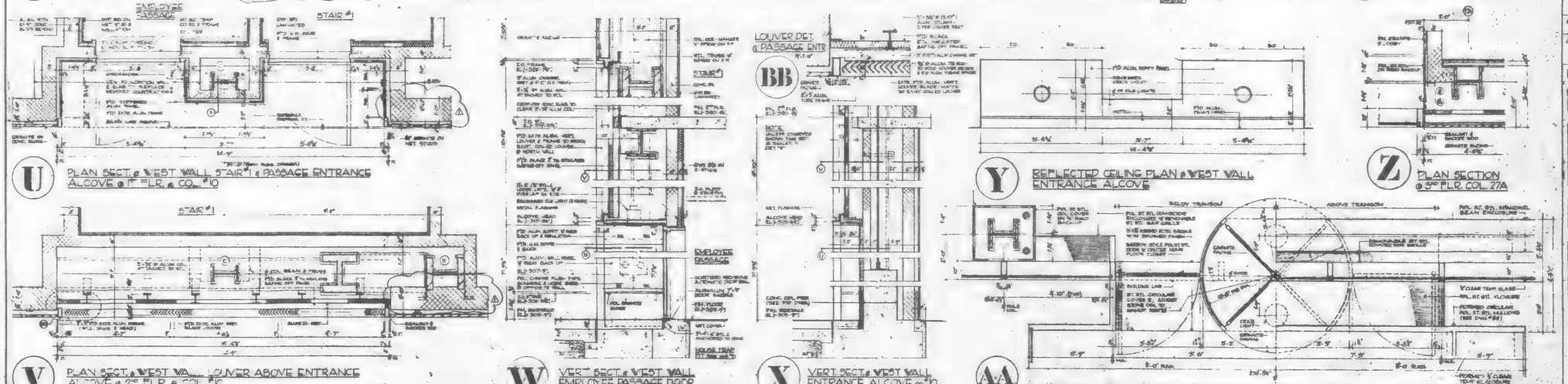
N REVOLVING DOOR PLAN SECT. @ 2ND FLR PLAZA BETW. COLS 16A & 22A (SEE DWG #55 FOR FLOOR PAVING)

T INTERMED. COL. @ SLURRY WALL

P DOOR JAMB @ 1ST FLR. LOBBY

Q PLAN SECTION @ 1ST FLR COL. 27A

R PLAN SECTION AT SE. CORNER @ 1ST FL. COL. 26



U PLAN SECT. @ WEST WALL STAIR #1 & PASSAGE ENTRANCE ALCOVE @ 1ST FLR. @ COL. #10

V PLAN SECT. @ WEST WALL LOUVER ABOVE ENTRANCE ALCOVE @ 2ND FLR. @ COL. #10

W VERT. SECT. @ WEST WALL EMPLOYEE PASSAGE DOOR

BB LOUVER DET. @ PASSAGE ENTR

X VERT. SECT. @ WEST WALL ENTRANCE ALCOVE CO. 10

Y REFLECTED CEILING PLAN @ WEST WALL ENTRANCE ALCOVE

Z PLAN SECTION @ 3RD FLR COL. 27A

AA PLAN SECT. @ 3RD FLR. TUBULAR BRIDGE ENTRANCE DOORS (SEE DWG #55 FOR FLOOR PAVING)

5-8-80		SECT. @ PLAZA STAIR DELETED GRANITE FACING RESTORED @ E.C.B. WALL CHANGED TO 8"
4-8-80		SECTION 'T' NOTE ADDED FOR COLUMN REVISION AT PLAZA SECT. 'L' & C.B. WALL CHANGED TO 8" SECTION 'V' STEEL STUDS REPLACED BY 8" C.B. WALL
DATE		REVISIONS

BASE DETAILS #3

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK NEW YORK

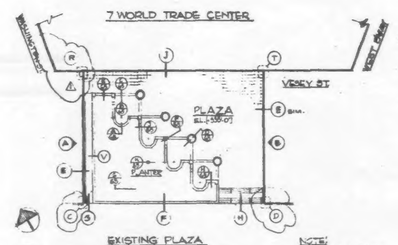
EMERY ROTH & SONS P.C. ARCHITECTS
250 PARK AVENUE NEW YORK, N.Y. 10017

THE OFFICE OF IRWIN G. CANTOR P.C. STRUCTURAL ENGINEERS
250 PARK AVENUE NEW YORK, N.Y. 10017

SYSKA & HENNESSY ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

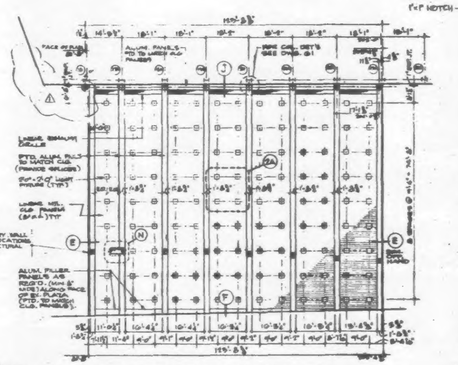
DATE: DEC. 20, 1979 SCALE: 1/4"-1'-0"

DWG 61



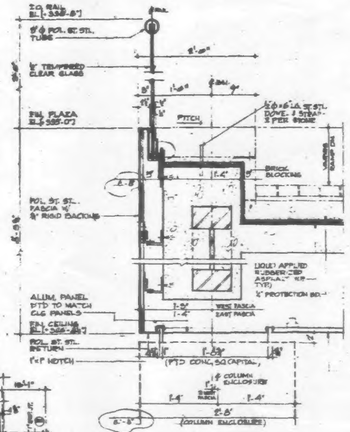
1 PLAZA KEY PLAN
N.T.S.

NOTE: FOR PLAZA LAYOUT, FINISHES, PLANTERS, ETC. SEE DWGS L- THRU L-5

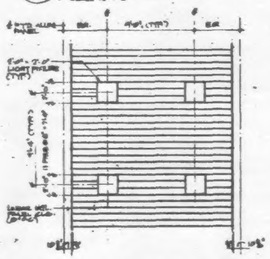


2 PLAZA REFLECTED CEILING PLAN
SCALE: 1/8"=1'-0"

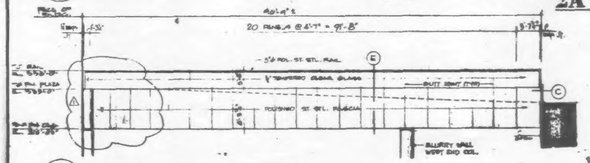
NOTE: PROVIDE ACCESS PANELS AS REQ'D. COORDINATE W/ MECHANICAL & ELECTRICAL DWGS.



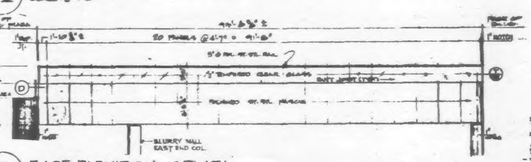
E SECTION @ WEST FASCIA & RAMP
COND'T'N @ EAST FASCIA SIM. BUT OPPOSITE HAND
SCALE 1/2"=1'-0"



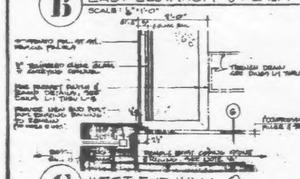
2A ENLARGMENT of TYP. CEILING GRID PATTERN
SCALE: 1/4"=1'-0"



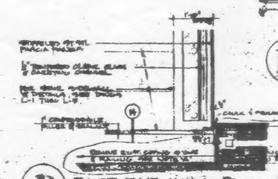
A WEST ELEVATION of PLAZA
SCALE: 1/8"=1'-0"



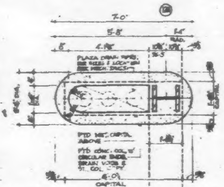
B EAST ELEVATION of PLAZA
SCALE: 1/8"=1'-0"



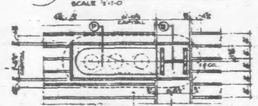
C WEST END WALL @ EXIST'G PLAZA
SCALE: 1/4"=1'-0"



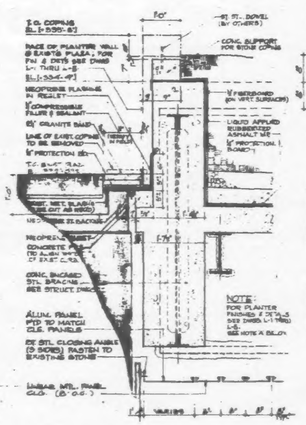
D EAST END WALL @ EXIST'G. PLAZA
SCALE: 1/4"=1'-0"



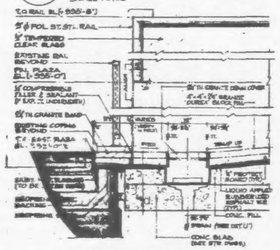
M INTERMEDIATE VOID COLUMN @ SLURRY WALL
SCALE: 1"=1'-0"



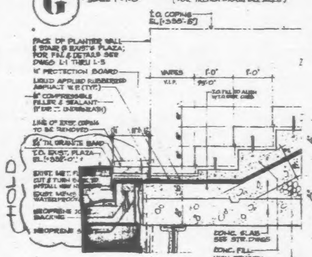
N REFLECTED CEILING PLAN @ INTERMER VOID COLUMN @ SLURRY WALL
SCALE: 1/4"=1'-0"



F SECTION THRU PLANTER WALL @ EXIST'G PLAZA
SCALE: 1"=1'-0"



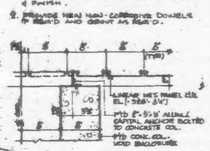
G END CONDITION @ RAMP
SCALE: 1"=1'-0"
(FOR TRENCH DRAIN SEE DETAIL)



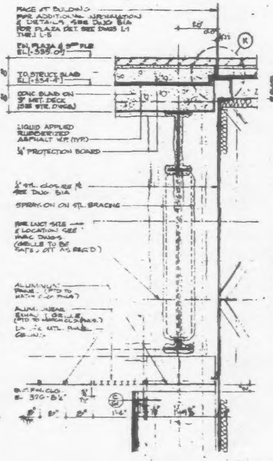
H END CONDITION @ STAIR
SCALE: 1"=1'-0"

HOLD

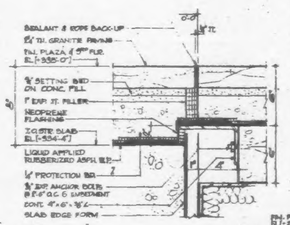
NOTE 'A'
1. REMOVE EXISTING GRIND STONE WITHIN LIMITS OF NEW PLAZA & REPLACE W/ NEW 3/4" GRADING TOP OF NEW STONE TO MATCH EXISTING PLAZA ELEVATION
2. PROVIDE NEW NON-CORROSIVE DOWELS AT HEAD AND GROUT AS REQ'D.



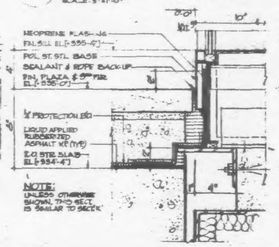
P CAPITAL DETAIL AT SLURRY WALL VOID COL.
SCALE: 1"=1'-0"



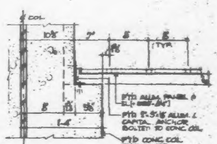
J SECTION THRU SOUTH WALL @ ENTRANCE
SCALE: 1"=1'-0"



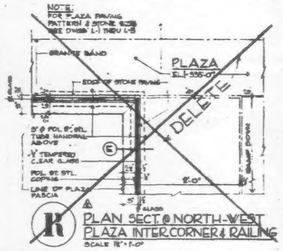
K EXPANSION JOINT AT REVOLVING DOORS
SCALE: 3"=1'-0"



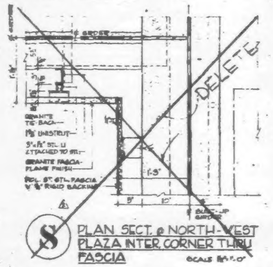
L EXPANSION JOINT AT STOREFRONT
SCALE: 3"=1'-0"



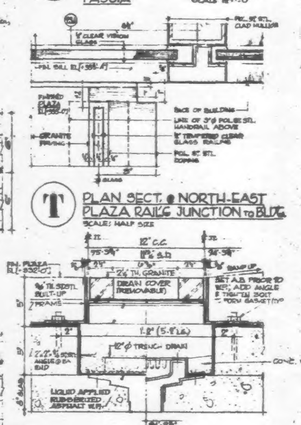
Q CAPITAL DETAIL AT CONC ENCLOSED SLURRY WALL COL
SCALE: 1"=1'-0"



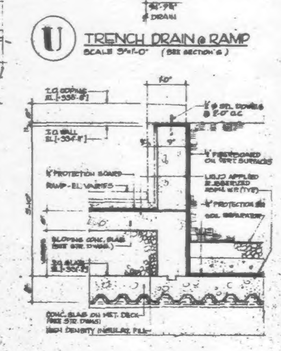
R PLAN SECT. @ NORTH-WEST PLAZA INTER CORNER & RAILING
SCALE: 1"=1'-0"



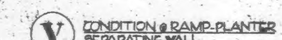
S PLAN SECT. @ NORTH-WEST PLAZA INTER CORNER TURN FASCIA
SCALE: 1"=1'-0"



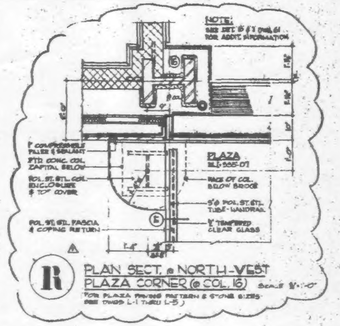
T PLAN SECT. @ NORTH-EAST PLAZA RAILG JUNCTION TO BLDG.
SCALE: HALF SIZE



U TRENCH DRAIN @ RAMP
SCALE: 3"=1'-0" (SEE SECTION 6)



V CONDITION @ RAMP-PLANTER SEPARATING WALL



R PLAN SECT. @ NORTH-WEST PLAZA CORNER @ COL. 16
SCALE: 1"=1'-0"
FOR PLAZA PAVING PATTERN & STONE SIZES SEE DWGS L-1 THRU L-5

GENERAL NOTES
FOR PLAZA PAVING DETAILS SEE DWGS L-1 THRU L-3.

3	9-15-87	CORNER SECTIONS R & S DELETED
2	4-15-87	PLANS 16E PLAZA STAIR & ESCALATOR @ WASHINGTON STREET DELETED. ELEVATION K, PLAZA STAIR, BRIDGE CONNECTION DELETED. SECT. 'R' PLAZA NW CORNER COL. CLOSURE DETAIL ADDED.
1	1/15/87	REVISED LIGHT FIXTURE & LAYOUT ON PLAZA, REVISED SLAB EDGE DETAIL, MECH. EQUIP. ROOF LOUVERS ON PLAN, REVISED ZONE NOS. ON SECT. 'N'

DATE: DEC. 22, 1986 | SCALE: 1"=1'-0" U.O.N.

DWG. 62

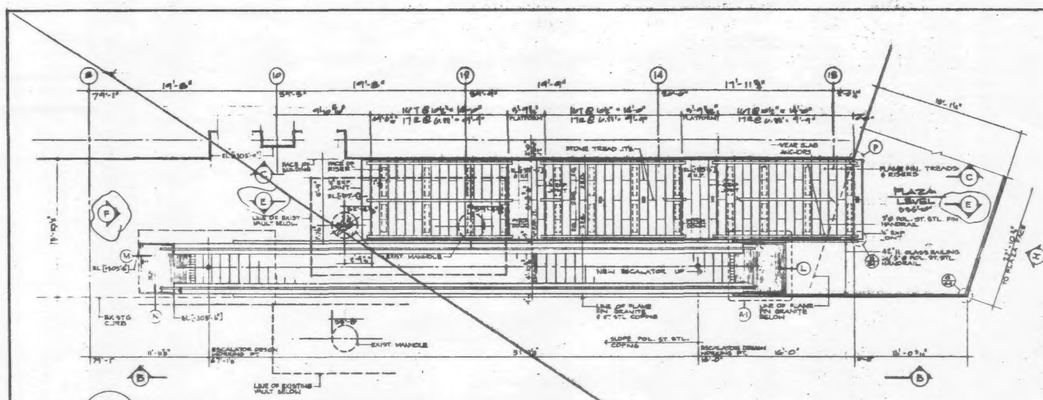
PLAZA DETAILS No. 1

7 WORLD TRADE CENTER
107 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET @ WASHINGTON STREET AND WEST BROADWAY NEW YORK NEW YORK

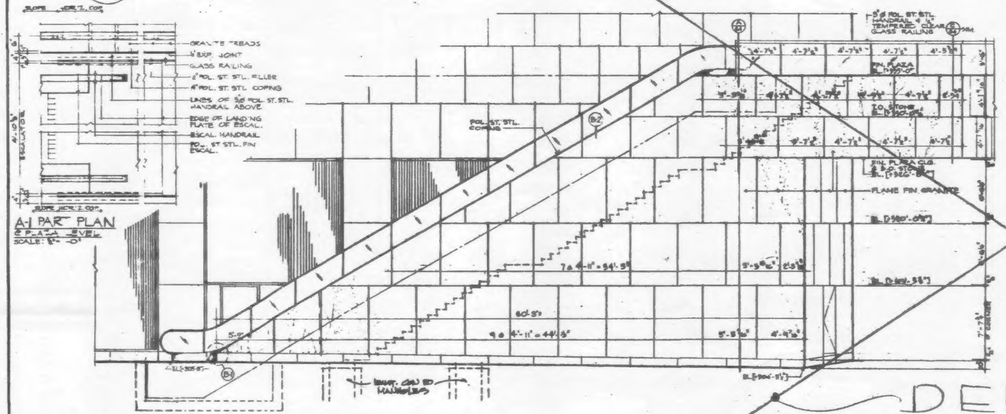
EMERY ROTH & SONS P.C.
ARCHITECTS
645 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
545 THIRD AVENUE NEW YORK, N.Y. 10022

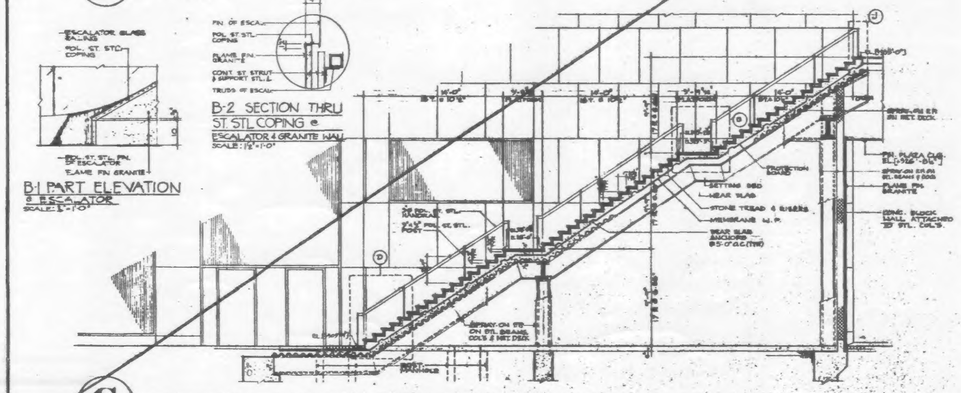
SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036



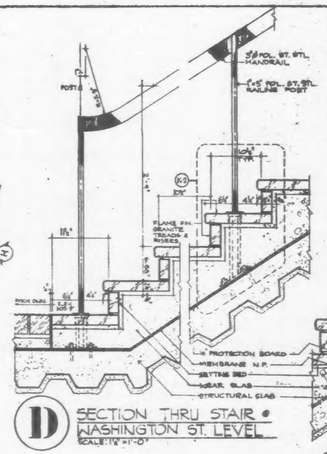
A PLAN OF WASHINGTON ST. STAIR & ESCALATOR
SCALE: 1/4"-1'-0"



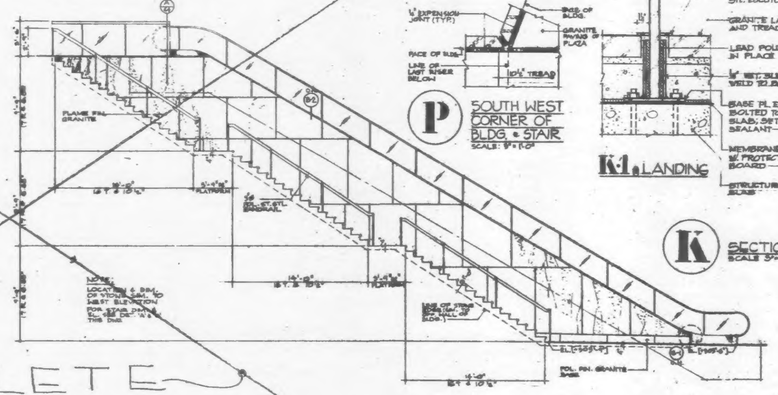
B WEST ELEVATION
SCALE: 1/4"-1'-0"



C LONGITUDINAL SECTION THRU STAIR
SCALE: 1/4"-1'-0"

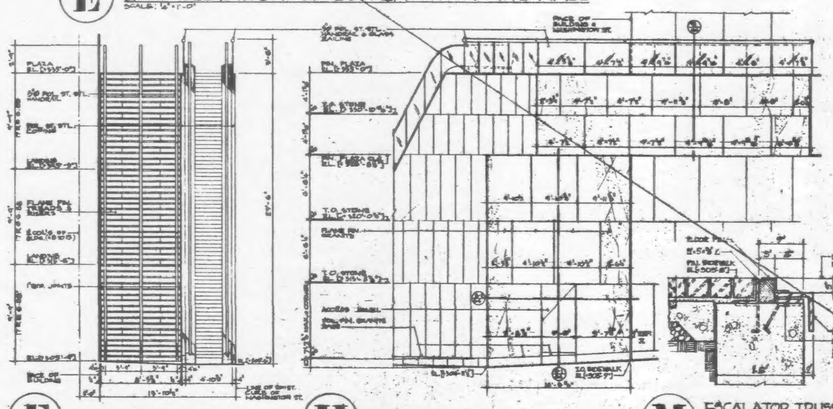


D SECTION THRU STAIR @ WASHINGTON ST. LEVEL
SCALE: 1/2"-1'-0"



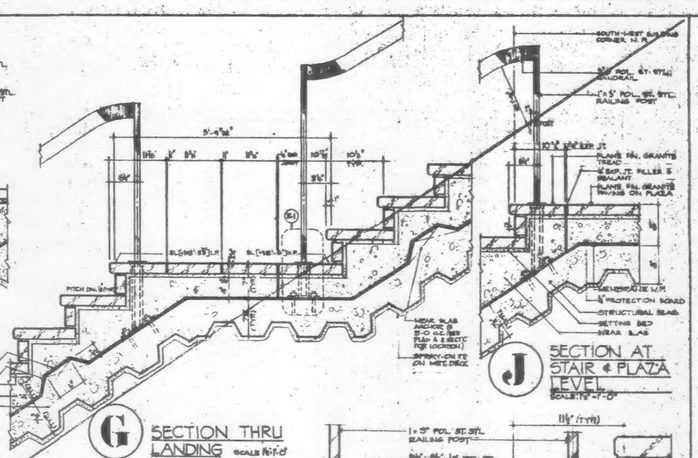
DELETE

E EAST ELEVATION OF ESCALATOR GRANITE WALL
SCALE: 1/4"-1'-0"



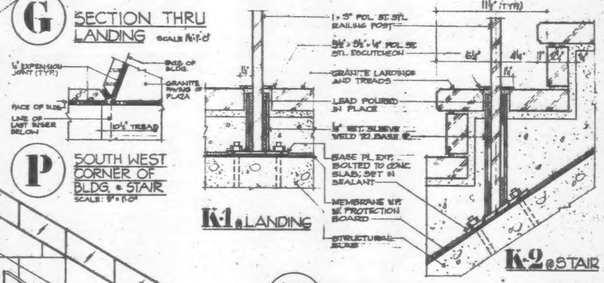
F FRONT ELEVATION
SCALE: 1/4"-1'-0"

H SOUTH ELEVATION
SCALE: 1/4"-1'-0"



J SECTION AT STAIR @ PLAZA LEVEL
SCALE: 1/2"-1'-0"

G SECTION THRU LANDING
SCALE: 1/2"-1'-0"

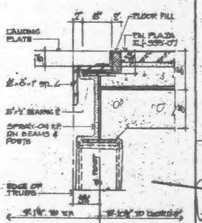


P SOUTH WEST CORNER OF BLDG @ STAIR
SCALE: 3"=1'-0"

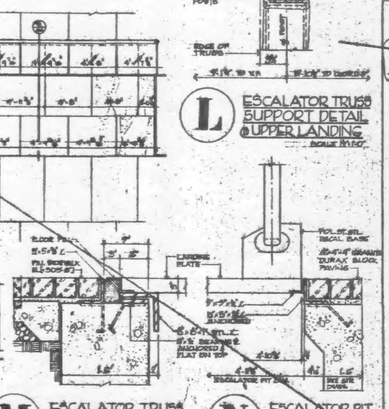
K-1 @ LANDING

K-2 @ STAIR

K SECTION THRU ST. STL. RAILING POST
SCALE: 3"=1'-0"



L ESCALATOR TRUSS SUPPORT DETAIL @ UPPER LANDING
SCALE: 1/4"-1'-0"



M ESCALATOR TRUSS SUPPORT DETAIL @ LOWER LANDING
SCALE: 1/4"-1'-0"

N ESCALATOR PIT DETAIL @ LOWER LANDING
SCALE: 1/4"-1'-0"

B-1 PART ELEVATION @ ESCALATOR
SCALE: 1"-1'-0"

B-2 SECTION THRU ST. STL COPING @ ESCALATOR & GRANITE WALL
SCALE: 1"-1'-0"

4.22.87	WHOLE SHEET DELETED
DATE	REVISIONS

WASHINGTON ST. STAIR & ESCALATOR #1

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY VESEY STREET AND BARCLAY STREET WASHINGTON STREET AND WEST BROADWAY NEW YORK

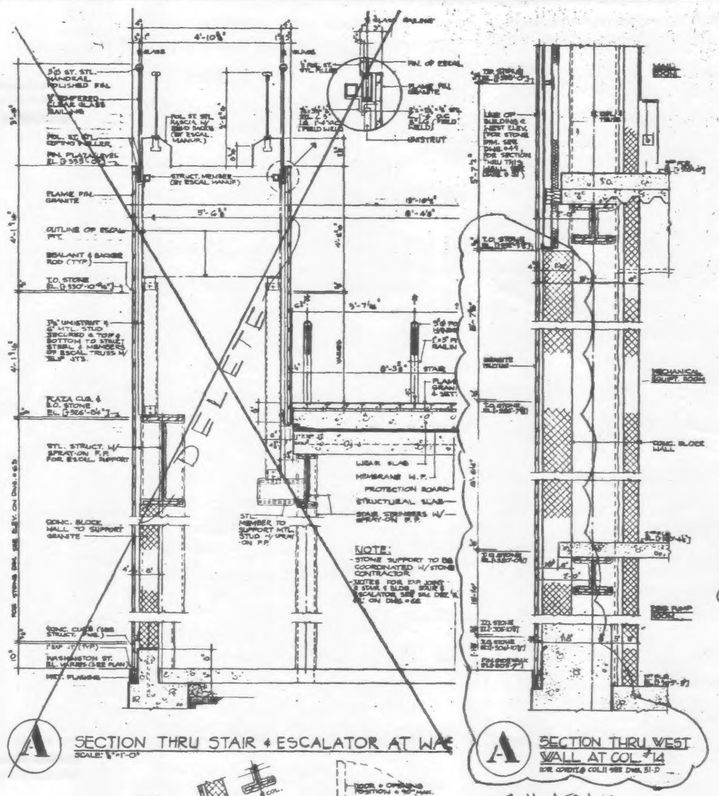
EMERY ROTH & SONS P.C.
ARCHITECTS
645 THIRD AVENUE NEW YORK, N.Y. 10022

THE OFFICE OF IRWIN G. CANTOR P.C.
STRUCTURAL ENGINEERS
515 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERING
11 WEST 42ND STREET NEW YORK, N.Y. 10036

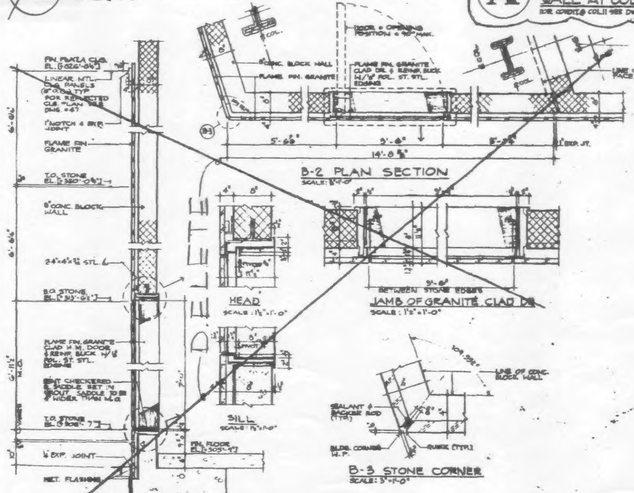
DATE: OCT. 20, 1986 | SCALE: AS NOTED

DWG. 65



A SECTION THRU STAIR & ESCALATOR AT WAS

A SECTION THRU WEST WALL AT COL. #14



B-1 VERTICAL SECTION

B SECTIONS THRU SOUTH WALL

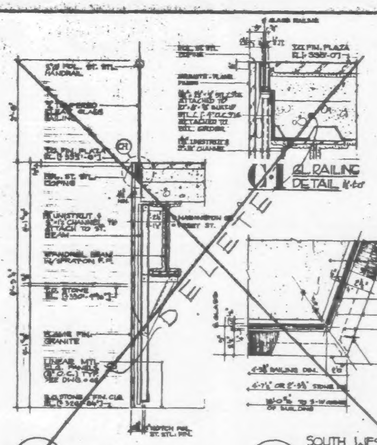
B-2 PLAN SECTION

JAMB OF GRANITE CLAD DR.

HEAD

SILL

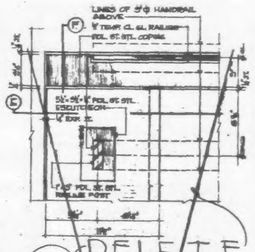
B-3 STONE CORNER



C SECTION THRU GRANITE FASCIA

C-1 GL RAILING DETAIL

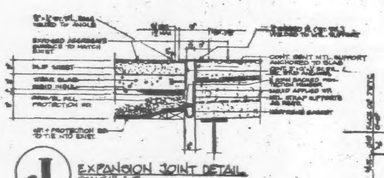
G SOUTH WEST CORNER OF PLAZA @ WASHINGTON STR. STAIR & ESCALATOR



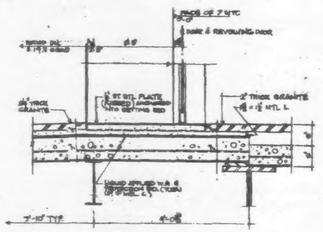
D DELETE PLAZA & STAIR RAILING & UPPER LANDING (PLAN)

E VERT. SECT. @ STAIR UPPER LANDING & PLAZA GLASS RAILS

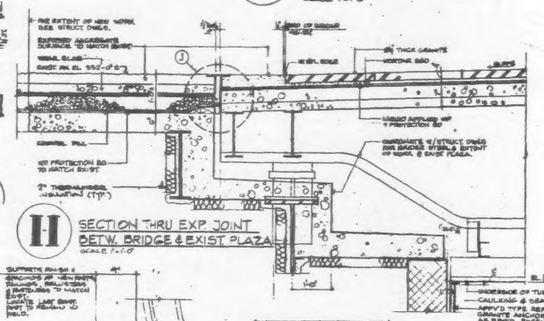
F EXPANSION JOINT DET. @ PLAZA & STAIR UPPER LANDING



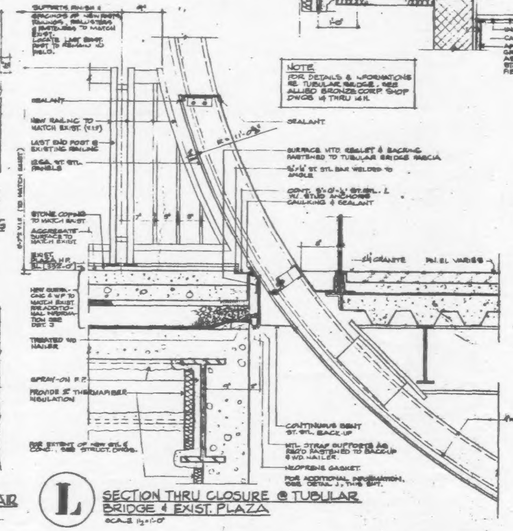
J EXPANSION JOINT DETAIL



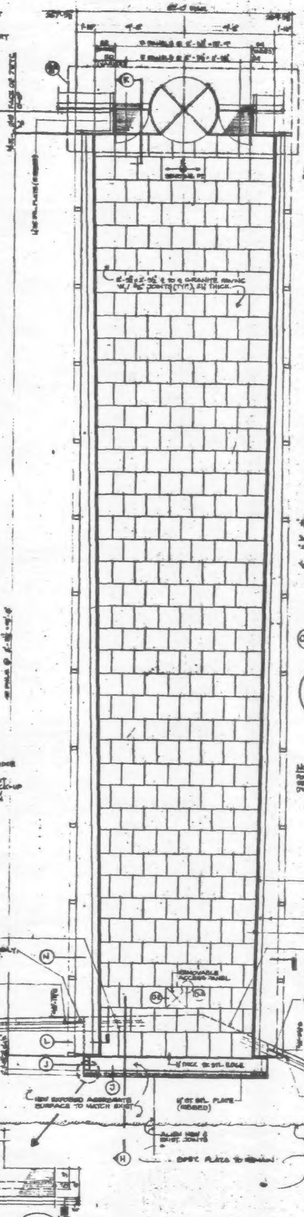
K SECTION THRU TUBULAR BRIDGE JUNCTION @ SWING DOOR



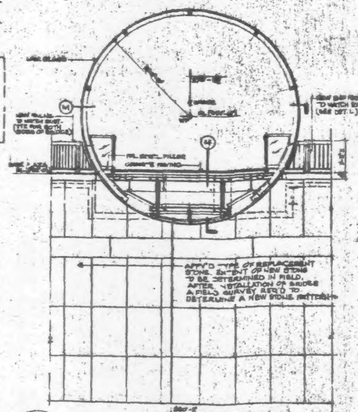
H SECTION THRU EXP JOINT BETW. BRIDGE & EXIST PLAZA



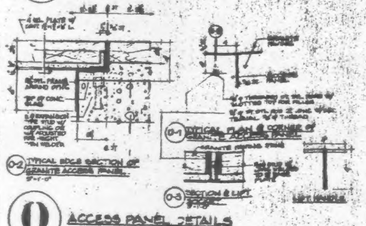
L SECTION THRU CLOSURE @ TUBULAR BRIDGE & EXIST. PLAZA



M PAVING PATTERN - TUBULAR BRIDGE



N SECTION THRU TUBULAR BRIDGE LOOKING AT EXISTING PLAZA



O ACCESS PANEL DETAILS

GENERAL NOTES
PROVIDE SEPARATION OF ALL DISSIMILAR METALS

NOTE:
FOR DETAILS OF TUBULAR BRIDGE SEE ALSO SHOP DWGS. #1-101 DATED 3/19/68

5-18-67	SECT. A PLAZA STAIR & ESCALATOR REVISED & CLOSURE DETAIL ADDED TO SECTION
4-22-67	SECTIONS B, C & G DELETED
DATE	REVISIONS

TUBULAR BRIDGE
PAVING PATTERN AND DETAILS

7
WORLD TRADE CENTER
47 STORY OFFICE BUILDING
BOUNDED BY
VESEY STREET AND BARCLAY STREET
HUDSON STREET AND WEST BROADWAY
NEW YORK

EMERY ROTH & SONS P.C.
ARCHITECTS
645 THIRD AVENUE NEW YORK, N.Y. 10022

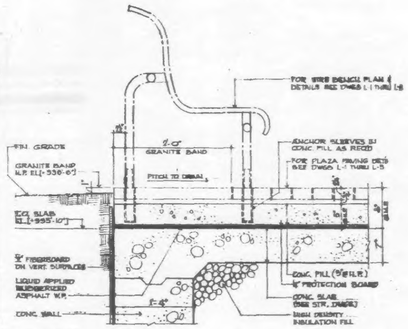
THE OFFICE OF
IRWIN G. LANTOR P.C.
STRUCTURAL ENGINEERS
475 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

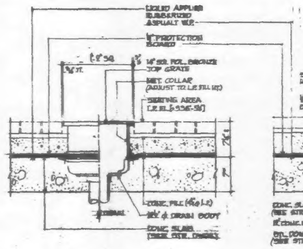
DATE: OCT. 25, 1966 SCALE: AS NOTED

DWG. 64

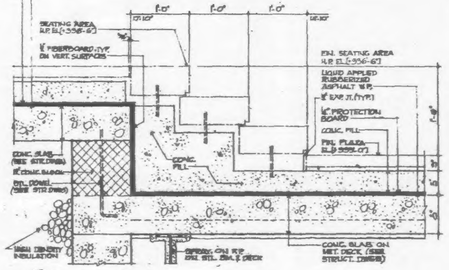
63



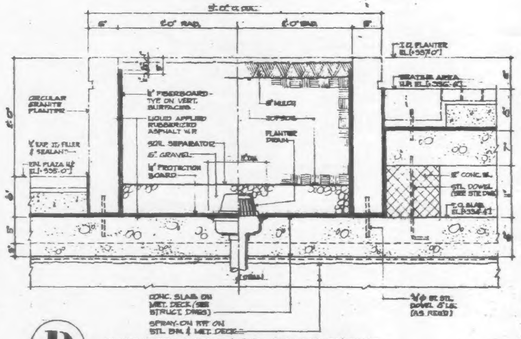
A GRANITE BAND & BENCH @ SEATING AREA



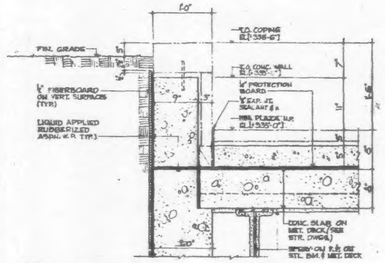
B DRAIN @ SEATING AREA



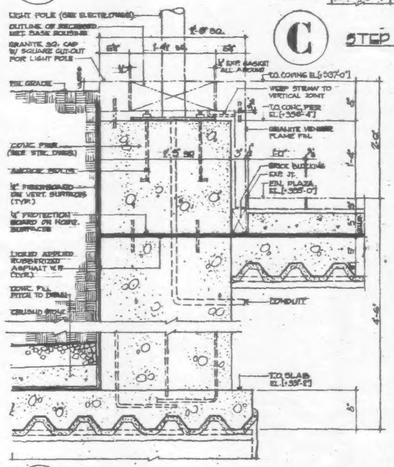
C STEP DETAIL AT SEATING AREA



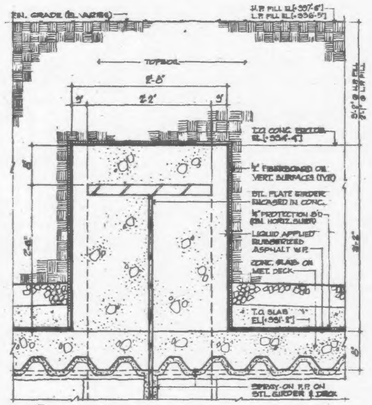
D GRANITE CIRCULAR PLANTER DETAIL



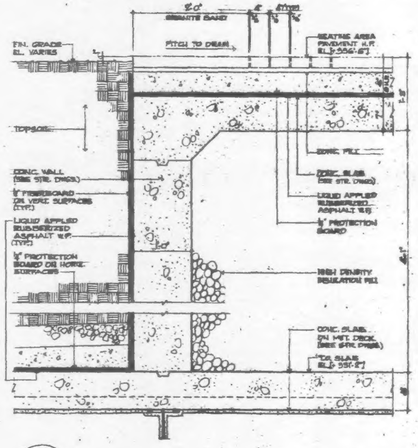
E CONDITION @ N.W. CORNER OF PLAZA-PLANTER SEPARATING WALL & COPING



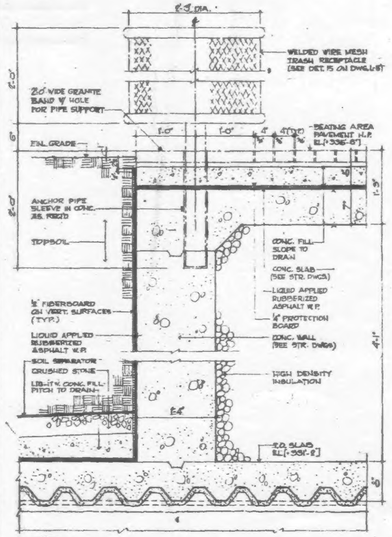
F LIGHT POLE PIER AT PLAZA AND SEATING AREA



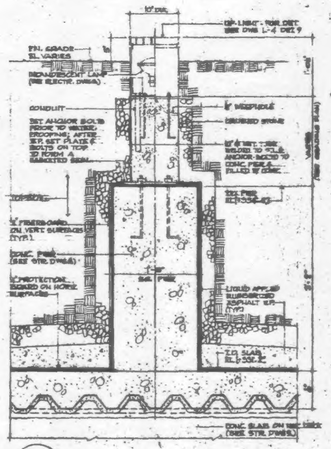
G TOP OF INTERMEDIATE PLATE GIRDER WATERPROOFING IN PLANTED AREA



H GRANITE BAND AT SEATING AREA AT PLANTER



J CONDITION @ TRASH RECEPTACLE AT SEATING AREA



K CONDITION AT UP-LIGHT IN PLANTED AREA

GENERAL NOTES:

FOR PLAZA PAVING DETAILS SEE DWGS. L-1 THRU L-3.

DATE	REVISIONS

PLAZA DETAILS No. 2

7 WORLD TRADE CENTER
47 STORY OFFICE BUILDING

BOUNDED BY
VESEY STREET AND BARCLAY STREET
WASHINGTON STREET AND WEST BROADWAY
NEW YORK NEW YORK

EMERY ROTH & SONS P.C.
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595 THIRD AVENUE NEW YORK, N.Y. 10022

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595 THIRD AVENUE NEW YORK, N.Y. 10022

SYSKA & HENNESSY
ENGINEERS
11 WEST 42ND STREET NEW YORK, N.Y. 10036

DATE: SEPT. 25, 1968 SCALE: 1/2"-1'-0"

DWG. 65